

**QUANTUM-INFORMATIONAL MEDICINE QIM 2011:
ACUPUNCTURE-BASED & CONSCIOUSNESS-BASED
HOLISTIC APPROACHES & TECHNIQUES**

QIM 2011 Program & Abstracts

Editors

**Dejan Raković
Slavica Arandjelović
Mirjana Mićović**

**QIM 2011
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ACUPUNCTURE-BASED & CONSCIOUSNESS-BASED HOLISTIC APPROACHES & TECHNIQUES**

Belgrade, 23-25 September 2011

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SYMPOSIUM OF QUANTUM-INFORMATIONAL MEDICINE QIM 2011: HOLISTIC APPROACHES & TECHNIQUES BASED ON ACUPUNCTURE & CONSCIOUSNESS

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EDITORS NOTE

ACUPUNCTURE-BASED & CONSCIOUSNESS-BASED HOLISTIC MEDICINE: QUANTUM-INFORMATIONAL PSYCHOSOMATIC FRAMEWORK

Contemporary medicine has put its emphasis on „alopathic-dosed non-economic“ *highly pharmaceutical-oriented* medicine technologies. On the contrary, in the past years more attention is payed to bioadequate „homeopathic-dosed economic“ bioresonant *quantum-informational medicine* technologies, related to usage of such values of the field energy, appearing in normal functioning of human organism [1–4]. On these lines, contemporary investigations of psychosomatic diseases imply the necessity of application of *holistic methods*, oriented to *healing the person as a whole* and not disease as a symptom of disorder of the whole, suggesting their *macroscopic quantum origin* [3,4].

In the focus of these quantum-holistic methods are body's *acupuncture system* and *consciousness* – which have *quantum-informational structure of quantum-holographic* Hopfield-like associative neural network, within the Feynman propagator version of Schrödinger equation [5] – with very significant quantum-holographic psychosomatic implications [3]. In this context, it should be noted that Resonant Recognition Model (RRM) of biomolecular recognition implies that on the biomolecular level information processing is going on in the *inverse space* of Fourier spectra of the primary sequences of biomolecules [6], similarly to (quantum) holographic ideas that cognitive information processing is going on in the *inverse space* of Fourier spectra of the perceptive stimuli [7], thus supporting idea on *quantum-holographic fractal coupling* of various hierarchical levels in biological species.

In the context of *quantum-informational bioresonant therapies* [3,4,8,9], their goal would be a resonant re-emitting of corresponding band of electromagnetic (EM) spectrum of microwave/ultralowfrequency-modulated radiation of the treated psychosomatically disordered (palpatory painful) state (as one of hundreds possible disordered states) thus enabling that its initial memory attractor is resonantly excited becoming more shallower and wider on the account of deepening of the (energy-dominating) attractor of healthy acupuncture (palpatory painless) state – which is then altogether *quantum-holographically projected* on the lower EM quantum-holographic *cellular level*, thus *changing the expression of genes* [3]. In this context, *homeopathy* might be also

categorized into *quantum-informational* bioresonant therapies, as (non)dissolved homeopathic initial substance [10-12] with characteristic EM memory-attractor states (like any other substance, as demonstrated by muscle test of the Applied kineziology [13]), can interact with macroscopic quantum-sensory EM level of the acupuncture system/consciousness and imprint in there its program of homeopathic correction.

On the other hand, in the context of *quantum-informational meridian (psycho)therapies* [3,14], via simultaneous effects of visualization of the treated (psychologically traumatic) problem and tapping/touching upon the selected acupuncture points, new boundary conditions are imposed in the energy-state space of the acupuncture system/consciousness, and memory attractor of the initial psychosomatic disorder becomes shallower and wider, with greater overlap and followed associative integration into memory attractor of normal (energy-dominating) ego-state. In this context, techniques of *energy healing* of the acupuncture system/consciousness [15], positively-visualizing *meditation* healing [16], and various *psychotherapeutic techniques* for recognition/integration of psychological conflicts and personality growth [17]) might be also categorized into quantum-informational therapies, via introspective emotional/ traumatic excitation with imposed new (psychologically healing) boundary conditions in the energy-state space of the acupuncture system/consciousness.

In the same context it is important to make *half-a-year diagnostics and balancing* of the acupuncture system, whose disbalance presumably originates from the *restituted* patient's mental loads from his *non-reprogrammed mental transpersonal environment* of the quantum-holographic collective consciousness [3] (as supported by the Tibetan *pulse diagnostics*, enabling precise diagnosis of psychosomatic disorders not only of the patient himself *but also* of his family members and enemies [18]).

This implies that memory attractors of quantum-holographic network of *collective consciousness* might be treated as psychosomatic collective disorders which represent generalized *field-related quantum-holistic records* (including inter-personal finally-reprogrammable nonlocal loads, via hesychastic prayer or circular psychotherapies from all relevant meta-positions included in the problem [3]) – which might represent basis of *quantum-informational medicine of collective consciousness*.

So, on the basis of this quantum-holographic context, it might be said that *three front lines of integrative psychosomatic medicine* do exist [3]: (1) *Spirituality and circular (psycho)therapies from all relevant meta-positions*, with possibility of permanent erasing of mutual memory attractors on the level of *collective consciousness*; (2) *Eastern (quantum)holistic medicine and non-circular (psycho)therapies*, whose efforts temporarily erase memory attractors on the level of *acupuncture system/individual consciousness*, and prevent or alleviate their somatization, as a consequence of the indolence on the first level; (3) *Western symptomatic medicine*, whose activities on the *somatic level* via immunology, pharmacology, biomedical diagnostics and surgery hinder or soothe somatized consequences of the carelessness on the first two levels. It should be stressed, that *necessary* activities on the second and third levels, with *neglect of the first level*, have a consequence of *further transfer of memory attractors* on the level of individual and collective consciousness in this and further generations, thus *accumulating quantum-holographic loads* which afterwards cause not only illnesses, but also interpersonal fights, wars, and other troubles.

Symposium “*Quantum-Informational Medicine QIM 2011: Acupuncture-Based & Consciousness-Based Holistic Approaches & Techniques*” provides fundamental quantum-informational framework for better understanding of the *nature of psychosomatic diseases* as well as *limitations of the healing methods*, which might help in *developing strategies for psychosomatic integrative medicine in the 21st century*.

The Editors are indebted to their institutions and numerous sponsors, as well as to members of *QIM 2011 Program Committee, Organizing Committee, and Secretariat*, for logistic support to *QIM 2011*. We also kindly acknowledge *QIM 2011 Symposium* plenary and oral speakers and *QIM 2011 Workshop* teachers for their reports on pioneer research and enthusiastic work in the emerging field of acupuncture-based & consciousness-based holistic medicine and all *QIM 2011 Round Table Knowledge Federation Dialog Belgrade 2011* invited participants for their related critical consideration of partial and holistic oriented approaches to physics and engineering, medicine and biology, psychology and transpersonal phenomena, art and philosophy, society and religion.

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QIM 2011 PROGRAM

A. ACUPUNCTURE-BASED HOLISTIC APPROACHES & TECHNIQUES

Friday, 23 September 2011

08.00 – 09.00 **Registration of participants (Symposium hall, Municipality Stari grad, Makedonska 42)**

09.00 – 10.30 **Opening Ceremony & Keynote Speech A**

**ACUPUNCTURE-BASED & CONSCIOUSNESS-BASED HOLISTIC MEDICINE:
QUANTUM-INFORMATIONAL PSYCHOSOMATIC FRAMEWORK**

D. Raković, M. Mićović, S. Arandjelović (Serbia)

PLENARY SESSION A1 (Symposium hall, Municipality Stari grad, Makedonska 42)

Chairpersons: *A. Škokljević, A. Ya. Grabovschiner, M. Y. Gotovski, B. P. Grubnik, K. Schmidt, Z. Jovanović-Ignjatić*

10.30 – 11.00 **QUANTUM WILL BE MEDICINE OF TOMORROW AND WILL REVOLUTIONISE OUR LIVES!**

A. Ya. Grabovschiner (Russia), J-L. Garillon (France)

11.00 – 11.30 **MODERN VIEWS OF MECHANISMS & CLINICAL EFFECTS OF MM EM RADIATION**

B. P. Grubnik (Ukraine)

11.30 – 12.00 **ON QUANTUM PHYSICS OF THE ALIVE AND QUANTUM MEDICINE**

S. P. Sitko, I. Chervony (Ukraine)

12.00 – 12.30 **CEM TECH MICROWAVE RESONANCE TECHNOLOGIES**

Y. P. Potekhina, Y. A. Tkachenko (Russia)

Coffee break

12.45 – 13.15 **MODERN SITUATION AND PERSPECTIVES OF ELECTROPUNCTURAL DIAGNOSTICS & BIORESONANCE THERAPY**

M. Y. Gotovski (Russia)

13.15 – 13.45 **INERGETIX-CORE QUANTUM-INFORMATIONAL TECHNOLOGIES**

K. Schmidt (Germany)

13.45 – 14.15 **ON-LINE DIAGNOSIS STATE OF A PATIENT IN TREATMENT BY METHODS OF QUANTUM MEDICINE**

A. V. Ivanovskaya (Ukraine)

14.15 – 14.45 **MICROWAVE RESONANCE THERAPY**

Z. Jovanović-Ignjatić (Serbia)

Cocktail

14.45 – 16.15

PLENARY SESSION A2 (Symposium hall, Municipality Stari grad, Makedonska 42)

Chairpersons: *V. Stambolović, D. Karabeg, D. Mandić, D. Djordjević, M. Dunjić*

15.45 – 16.15 **KNOWLEDGE FEDERATION HOLISTIC FRAMEWORK**

D. Karabeg (Norway)

16.15 – 16.45 **DECOLONIZATION OF ALTERNATIVE MEDICINE**

V. Stambolović (Serbia)

16.45 – 17.15 **THE ANALYSIS OF BIOLOGICAL SIGNALS AND GENETICALLY DETERMINED FUNCTION OF AUTONOMIC NERVOUS SYSTEM**

B. Milovanović, V. Radivojević, S. Mutavdžin, B. Milovanović, T. Krajnović (Serbia)

17.15 – 17.45 **HOMEOPATHY: ENERGY-INFORMATIONAL HOLISTIC VIEWPOINT**

L. Trifunović (Serbia)

Coffee break

18.00 – 18.30 **MADU MAGNETOTHERAPY**

D. Mandić, D. Đorđević, D. Cvetković, S. Kažić, J. Popović (Serbia)

18.30 – 19.00 **CHIROPRACTIC AND HOLISTIC APPROACH TO HEALTH**

P. Dinić (Serbia)

19.00 – 19.30 **LITHOTHERAPY: KALININ METHOD**

I. D. Kalinin (Russia)

19.30 – 20.00 **BI DIGITAL O-RING TEST**

M. Dunjić (Serbia)

DISCUSSIONS & CONCLUSIONS

ORAL SESSION A (Dom vojske Srbije, Braće Jugovića 19)

Chairpersons: *M. Mićović, S. Arandjelović*

- 14.00 – 14.10 **QI VITALITY AS A BASE OF TRADITIONAL CHINESE MEDICINE**
A. Žikić (Serbia)
- 14.10 – 14.20 **ADDITIONAL APPLICABLE TECHNIQUES IN ACUPUNCTURE TREATMENT:
MOXIBUSTION, CUPPING AND GUASHA**
A. Žikić (Serbia)
- 14.20 – 14.30 **CHINESE CONCEPT OF FIVE PHASES (WU XING - 五行) IN THE LIGHT OF SYSTEMS SCIENCE**
N. Mišić (Serbia)
- 14.30 – 14.40 **APPLICATION OF BOWEN THERAPEUTIC TECHNIQUE IN THE TREATMENT OF SCOLIOSIS**
A. Maksimović (Serbia)
- 14.40 – 14.50 **QUANTUM-INFORMATIONAL MEDICINE AND BIORESONANCE TECHNOLOGY**
R. Prelević (United Kingdom)
- 14.50 – 15.00 **POSSIBILITIES AND TRAPS OF BIORESONANCE DIAGNOSTICS**
T. Lalić (Serbia)
- 15.00 – 15.10 **HARMONIZATION OF HUMAN BODY SYSTEM BY HARMONIZED EM RADIATION
WHICH EXCITED LONGITUDINAL MECHANICAL WAVES $\lambda \leq 2m$ IN BIOMOLECULES**
A. S. Tomić, G. Marjanović, R. Vojnić-Tunić, Dj. Koruga (Serbia)
- 15.10 – 15.20 **BONE FRACTURE TREATMENT BY MADU MAGNETOTHERAPY**
D. Mandić, D. Djordjević, D. Cvetković, S. Kažić, J. Popović, M. Kažić (Serbia)
- 15.20 – 15.30 **OSTEOGENESIS BY MADU MAGNETOTHERAPY**
D. Djordjević, D. Mandić, J. Popović, S. Kažić, D. Cvetković (Serbia)
- 15.30 – 15.40 **RHEUMATOID ARTHRITIS TREATMENT BY MADU MAGNETOTHERAPY**
J. Popović, D. Mandić, S. Kažić, D. Djordjević (Serbia)
- 15.40 – 15.50 **EFFECTS AND MECHANISMS OF ANGIOGENESIS BY MADU MAGNETOTHERAPY**
D. Djordjević, D. Mandić, J. Popović, S. Kažić, D. Cvetković (Serbia)
- 15.50 – 16.00 **POSSIBILITIES OF NEUROGENESIS BY MADU MAGNETOTHERAPY**
D. Djordjević, D. Mandić, J. Popović, S. Kažić, D. Cvetković (Serbia)

Discussions

16.00 – 16.30

B. CONSCIOUSNESS-BASED HOLISTIC APPROACHES & TECHNIQUES

Saturday, 24 September 2011

PLENARY SESSION B1 (Symposium hall, Municipality Stari grad, Makedonska 42)

Chairpersons: *V. Jerotić, S. Milenković, Lj. Klisić, G. I. Brekhman, M. Sovilj*

09.00 – 09.30 **PRAYER AND/OR PSYCHOTHERAPY**

V. Jerotić (Serbia)

09.30 – 10.00 **INTEGRATIVE ART PSYCHOTHERAPY**

S. Milenković (Serbia)

10.00 – 10.30 **BODY PSYCHOTHERAPY AND TE-PSYNTESIS**

Lj. Klisić, A. Djordjević (Serbia)

10.30 – 11.00 **HOLOTROPIC BREATHWORK**

I. Antolić (Croatia)

11.00 – 11.30 **PEAT & ENERGETIC AND SPIRITUAL (PSYCHO)THERAPIES**

Ž. Mihajlović Slavinski (Serbia)

Coffee break

11.45 – 12.15 **YOGA & CONSCIOUSNESS EVOLUTION**

D. Lončar (Serbia)

12.15 – 12.45 **HEALTH & EXPERIENCE OF HIGHER STATE OF CONSCIOUSNESS (UNIFIED FIELD)**

Ž. Trišić (Serbia)

12.45 – 13.15 **WESTERN MEDICINE & TRADITIONAL HEALING**

I. Kononenko (Slovenija)

13.15 – 13.45 **MAN AS A QUANTUM-WAVE PSYCHOSOMATIC SYSTEM**

G. I. Brekhman (Israel, Russia)

13.45 – 14.15 **PRENATAL BASES OF DEVELOPMENT OF SPEECH AND LANGUAGE & PRENATAL STIMULATION**

M. Sovilj (Serbia)

Cocktail

14.15 – 15.45

PLENARY SESSION B2 (Symposium hall, Municipality Stari grad, Makedonska 42)

Chairpersons: *I. Kononenko, W. Carvalho Liimaa, Lj. Ristovski, Č. Hadži Nikolić, D. Lončar*

15.45 – 17.00 **Keynote Speech B**

THE RECONNECTION – HEAL OTHERS, HEAL YOURSELF

E. Pearl, R. Levy (USA)

17.00 – 17.30 **QUANTUM-INFORMATIONAL MEDICINE: BRASILIAN EXPERIENCE**

W. Carvalho Liimaa (Brasil)

17.30 – 18.00 **BIOENERGY, BIOFIELD, AURA: ON THEIR NATURE AND PIP CAMERA MEASURING**

Lj. Ristovski (Serbia)

Coffee break

18.15 – 18.45 **REIKI & SPIRITUALITY**

M. Milenković, M. Mićović (Serbia)

18.45 – 19.15 **QUANTUM TRANSFORMATION**

S. Simonovska (Austria)

19.15 – 19.45 **ABIKU PHENOMENON: SPIRITUAL ORIGIN AND TREATMENT OF SELF-DESTRUCTIVENESS**

M. Tomšić Akengen (Slovenia)

19.45 – 20.15 **ENTHEOGENIC SHAMANISM: ANTHROPOLOGICAL CATEGORY, TRANSPERSONAL DIMENSION OR PSYCHOTHERAPEUTIC MODEL**

Č. Hadži Nikolić (Serbia)

DISCUSSIONS & CONCLUSIONS

21.00 – 24.00 **SYMPOSIUM DINNER**

ORAL SESSION B (Dom vojske Srbije, Braće Jugovića 19)

Chairpersons: *M. Mićović, S. Arandjelović*

14.00 – 14.10 **INTEGRATIVE MEDICINE**

D. Nešić (Serbia)

14.10 – 14.20 **RECONNECTION: EXAMPLE OF INCREASED REGENERATION OF BONE FRACTURES & MUSCLE DAMAGES**

D. Nešić (Serbia)

14.20 – 14.30 **BIOLOGICAL DECODING**

A. Frauenkron-Hoffmann (Luxemburg), D. Portić (Serbia)

14.30 – 14.40 **INTEGRATIVE APPROACH TO TREATMENT OF STATE OF PANIC: CASE STUDY**

O. Vulićević (Serbia)

14.40 – 14.50 **THE EARLIEST HOLISTIC HEALING TREATMENT OF NEWBORNS: METHOD BY DR VUCICEVIC**

J. Jovanović (Serbia)

14.50 – 15.00 **THERMOVISUAL MONITORING OF YOGA NIDRA PRACTICE**

D. Nikolovski, Z. Stević (Serbia)

15.00 – 15.10 **IMPORTANCE OF PRANAYAMA**

D. Milićević (Serbia)

15.10 – 15.20 **SKIN CONDUCTANCE PSYCHO-PHYSIOLOGICAL CORRELATES OF NOVEL HOLISTIC TRANSPERSONAL DIAGNOSTICS AND HEALING**

B. Bedričić, M. Stokić, Z. Milosavljević, D. Milovanović, D. Raković, M. Sovilj, S. Maksimović (Srbija)

15.20 – 15.30 **EEG PSYCHO-PHYSIOLOGICAL CORRELATES OF NOVEL HOLISTIC TRANSPERSONAL DIAGNOSTICS AND HEALING**

B. Bedričić, M. Stokić, Z. Milosavljević, M. Ostojić, D. Milovanović, D. Raković, M. Sovilj, S. Maksimović (Srbija)

15.30 – 15.40 **CONTRIBUTION OF ANOMALOUS INTENSITIES OF ELECTROMAGNETIC AND MAGNETIC FIELDS IN ETIOPATOGENESIS OF MENTAL DISORDERS AND DISEASES**

N. Trifunović, D. Jevdić, A. Jevdić, K. Jevdić (Serbia)

15.40 – 15.50 **CONTRIBUTION OF ANOMALOUS INCREASE OF MAGNETIC FIELD IN ETIOPATOGENESIS OF CARDIAC-VASCULAR DISEASES**

N. Trifunović, D. Jevdić, A. Jevdić, K. Jevdić (Serbia)

15.50 – 16.00 **CONTRIBUTION OF ANOMALOUS INTENSITIES OF ELECTROMAGNETIC AND MAGNETIC FIELDS IN ETIOPATOGENESIS OF MALIGNANT DISEASES**

N. Trifunović (Serbia)

Discussions

16.00 – 16.30

C. ROUND TABLE (*Symposium hall, Municipality Stari grad, Makedonska 42*)

Sunday, 25 September 2011

**KNOWLEDGE FEDERATION DIALOG BELGRADE 2011:
PARTIAL VS HOLISTIC ORIENTED APPROACHES**

• *Physics* • *Medicine* • *Biology* • *Psychology* • *Transpersonal Phenomena* •
• *Engineering* • *Society* • *Art* • *Philosophy* • *Religion & Similar* •

Moderators: *D. Karabeg, D. Raković*

09.00 – 11.00

SESSION C1

ROUND TABLE KNOWLEDGE FEDERATION DIALOG BELGRADE 2011

D. Karabeg (Norway), D. Raković (Serbia)

KNOWLEDGE FEDERATION PROTOTYPE: TESLA AND THE NATURE OF CREATIVITY (TNC)

D. Karabeg (Norway), D. Raković (Serbia)

**QUANTUM-HOLOGRAPHIC FRAMEWORK FOR CONSCIOUSNESS & ACUPUNCTURE:
PSYCHOSOMATIC-COGNITIVE IMPLICATIONS**

D. Raković (Serbia)

QUANTUM WILL BE MEDICINE OF TOMORROW AND WILL REVOLUTIONISE OUR LIVES!

A. Ya. Grabovschiner (Russia), J-L.Garillon (France)

**MODERN SITUATION AND PERSPECTIVES OF ELECTROPUNCTURAL DIAGNOSTICS &
BIORESONANCE THERAPY**

M. Y. Gotovski (Russia)

HOMEOPATHY: ENERGY-INFORMATIONAL HOLISTIC VIEWPOINT

L. Trifunović (Serbia)

CARDINAL CHARACTERISTICS OF TRADITIONAL CHINESE MEDICINE

A. Žikić (Serbia)

MAN AS A QUANTUM-WAVE PSYCHOSOMATIC SYSTEM

G. I. Brekhman (Israel, Russia)

PRENATAL BASES OF DEVELOPMENT OF SPEECH AND LANGUAGE AND PRENATAL STIMULATION

M. Sovilj (Serbia)

A NEED FOR HOLISTIC APPROACH TO THE OCCUPATIONAL HEALTH DEVELOPING (IN SERBIA)

M. Arandjelović (Serbia)

Coffee break

11.15 – 12.30

SESSION C2

**SCIENCE AND SPIRITUALITY = OBJECTIVITY AND SUBJECTIVITY = RATIONAL AND REAL =
KNOWLEDGE AND WISDOM**

I. Kononenko (Slovenia)

**ENTHEOGENIC SHAMANISM: ANTHROPOLOGICAL CATEGORY, TRANSPERSONAL DIMENSION OR
PSYCHOTHERAPEUTIC MODEL**

Č. Hadži Nikolić (Serbia)

REFLECTION ON THERAPIES AND RESEARCH POINTING FOR A NEW PARADIGM

W. Carvalho Liimaa (Brasil)

PEAT AND ENERGETIC AND SPIRITUAL (PSYCHO)THERAPIES

Ž. Mihajlović Slavinski (Serbia)

QUANTUM TRANSFORMATION

S. Simonovska (Austria)

**INTEGRATIVE MEDICINE, ENERGY MEDICINE IN DAILY LIFE AND WORK OF HEALTH
PROFESSIONALS: SUPER HEALTH PROGRAM & ACUPUNCTURE WITHOUT NEEDLES**

S. Saxer (Norway)

HOLISTIC APPROACH TO SUSTANABILITY

D. Pavlović (Serbia)

Coffee break

12.45 – 14.15

SESSION C3

INTEGRATIVE MEDICINE

M. Dunjić (Serbia)

DECOLONIZATION OF ALTERNATIVE MEDICINE

V. Stambolović (Serbia)

CRITICAL REVIEW ON THE POSITION OF TRADITIONAL MEDICINE IN SERBIA

Z. Jovanovic Ignjatić (Serbia)

TRADITIONAL MEDICINE IN SERBIA – EDUCATION

S. Arandjelović (Serbia), Z. Jovanović Ignjatić (Serbia)

SEMINARS IN PRIMARY HEALTHCARE CENTER "STARI GRAD" BELGRADE: CASE STUDY OF LARGE-SCALE INTEGRATIVE MEDICINE HEALTHCARE COMMUNICATION

M. Mićović (Serbia)

HEALTH FESTIVAL BELGRADE: CASE STUDY OF LARGE-SCALE INTEGRATIVE MEDICINE HEALTHCARE COMMUNICATION

M. Mićović (Serbia), D. Davidov-Kesar (Serbia)

TV SERIAL AGAPE: CASE STUDY OF MEDIA COMMUNICATION ACROSS AND BEYOND DISCIPLINES

A. Gajšek (Serbia), V. Jerotić (Serbia)

THE INTERFAITH DIALOGUE SERBIA – INDONESIA 2011, POSITIVE EXPERIENCE IN SERBIA'S STATE POLICY

A. Raković (Serbia)

14.15 – 15.00

Cocktail

15.00 – 16.15

SESSION C4

FREE WILL IN A QUANTUM CONTEXT

M. Dugić (Serbia), J. Jeknić-Dugić (Serbia)

SIXTY: „NUMBERS ARE LETTERS BY WHICH THE UNIVERSE IS BUILT“

CLASSICAL-QUANTUM AND INFORMATION PHYSICS APPROACH TO LIFE AND MEDICINE

Dj. Koruga (Serbia)

THE UNIVERSAL CODE AS A REALITY OF HOLISM

M. M. Rakočević (Serbia)

ONTOGENETIC AND PSYCHOGENETIC INSIGHT INTO THE TRADITIONAL CHAKRAS DOCTRINE

Lj. M. Ristovski (Serbia), G. S. Davidović-Ristovski (Serbia)

REFLEXOLOGY

D. Djordjević (Serbia), D. Mandić (Serbia)

MADU MAGNETOTHERAPY

D. Mandić (Serbia), D. Djordjević (Serbia)

CHIROPRACTIC AND HOLISTIC APPROACH TO HEALTH

P. Dinić (Serbia)

THE ANALYSIS OF BIOLOGICAL SIGNALS AND GENETICALLY DETERMINED FUNCTION OF AUTONOMIC NERVOUS SYSTEM

B. Milovanović, V. Radivojević, S. Mutavdžin, B. Milovanović, T. Krajnović (Serbia)

NEW NANOTECHNOLOGIES FOR BRAIN STIMULATION AND IMAGING

G. Vitaliano (USA), F. Vitaliano (USA)

CONSCIOUSNESS-BASED HOLISTIC ORIENTED APPROACHES TO PSYCHOTHERAPY

S. Milenković (Serbia)

SCIENCE AND BODY PSYNTESIS HOLISTIC APPROACHES

Lj. Klisić (Serbia), A. Djordjević (Serbia) et al

Coffee break

17.00 – 21.00

WORKSHOP KNOWLEDGE FEDERATION DIALOG BELGRADE

D. Karabeg (Norway), D. Raković (Serbia)

D. WORKSHOPS (Red Cross of Serbia, Simina 19*; Primary Healthcare Center Stari grad, Simina 27**)

Sunday, 25 September 2011

09.00 – 21.00

Chairpersons: *S. Arandjelović, M. Mićović*

Sunday **WORKSHOPS D1**

09.00 – 13.00 **DETERMINATION AND PRESERVATION OF BIOLOGICAL YOUTH** *A. Ivanovskaya (Ukraine)*
CEM THERMODIAGNOSTICS – SELF OBSERVATION *Z. Jovanović-Ignjatić (Serbia)*
MADU MAGNETOTHERAPY METHODS *D. Mandić, D. Djordjević (Serbia)*
YOGA BREATHING TECHNIQUES *D. Lončar (Serbia)*

Sunday **WORKSHOPS D2**

13.00 – 17.00 **RECONNECTIVE HEALING** *E. Pearl, R. Levy (USA)*
QUANTUM TRANSFORMATION *S. Simonovska (Austria)*
THE HEALING ART OF QI GONG *V. Vidović (Serbia)*
AUTOGENIC TRAINING *M. Čosović (Serbia)*

Sunday **WORKSHOPS D3**

17.00 – 21.00 **WORKSHOP KNOWLEDGE FEDERATION DIALOG BELGRADE** *D. Karabeg (Norway), D. Raković (Serbia)*
CHANGING YOURSELF THROUGH INTEGRATIVE ART PSYCHOTHERAPY *S. Milenković (Serbia)*
TE-PSYNTHESIS BODY PSYCHOTHERAPY *Lj. Klisić, A. Djordjević (Serbia)*
REIKI FOR SELF-HELP *M. Milenković (Serbia)*

Saturday **WORKSHOP D4**

09.00 – 13.00 **INERGETIX-CORE QUANTUM-INFORMATIONAL TECHNOLOGIES** *K. Schmidt (Germany)*

All Workshops are organized on Sunday with exclusion of Inergetix Core organized on Saturday. Also, all registration fees are 30 EUR with exclusion of Reconnective Healing and Inergetix-Core with registration fees of 60 EUR.

Abstracts

A. ACUPUNCTURE-BASED HOLISTIC APPROACHES & TECHNIQUES

PLENARY SESSION A

ACUPUNCTURE-BASED AND CONSCIOUSNESS-BASED HOLISTIC MEDICINE: QUANTUM-INFORMATIONAL PSYCHOSOMATIC FRAMEWORK

Dejan Raković,^{1,3} Mirjana Mićović,^{4,6} Slavica Arandjelović^{7,8}

¹ Professor, PhD Physicist, BEEE, Faculty of Electrical Engineering, University of Belgrade, Serbia

² Founder, DRF Fund for Promoting Holistic Research and Ecology of Consciousness, Belgrade, Serbia

³ Director, ECPD School of Quantum-Informational Medicine, European Center for Peace and Development (ECPD)
of the United Nations University for Peace, Belgrade, Serbia

<http://www.dejanrakovicfund.org>

rakovicd@etf.rs

⁴ MD, Pediatricist, Reiki Master Teacher, PR Integrative Medicine, Primary Healthcare Center 'Stari Grad', Belgrade, Serbia

⁵ Member, National Association for Improvement and Development of Regenerative Medicine, Serbia

⁶ Co-founder, Health Festival Belgrade, Serbia

<http://dzstarigrad.org/dom-zdravlja>

mirjana.micovic@gmail.com

⁷ MD, Certif. Acupuncture & Quantum medicine-MRT, Voll's diagnostics and therapy & Health Management,
President & Co-founder, Int. Association for Promotion and Development of Quantum Medicine "Quanttes",

⁸ Vicepresident, Acupuncture and Quantum Medicine Section, Serbian Medical Society

<http://www.quanttes.org.rs>

quanttesukm@yahoo.com

Abstract. The subject of this lecture is integrative quantum-holographic framework for psychosomatics. This is of special importance because of wider application of integrative medicine in developed countries, as contemporary research of psychosomatic diseases indicates the necessity of application of holistic methods, oriented to the healing of man as a whole and not diseases as symptoms of disorders of this wholeness, implying their macroscopic quantum origin. In the focus of these holistic methods are body's acupuncture system and consciousness – which as macroscopic quantum biosystem have (fundamental!) quantum-informational structure of quantum-holographic Hopfield-like associative neural network, within the Feynman propagator version of quantum mechanics. So it seems that Nature has chosen elegant room-temperature quantum-holographic information processing, permanently fluctuating between quantum-coherent state and classically-reduced state of various biological hierarchical levels: from the level of cell, to the level of organism, and further to the level of collective consciousness, with biofeedback dynamic influence on gene expression. In the context of quantum-informational therapies, their goal would be a bioresonant excitation of the target palpatory-painful/psychologically-traumatic state of the acupuncture system/consciousness (as one of hundreds possible disordered states!) thus enabling that its initial memory attractor is bioresonantly excited becoming more shallower and wider on the account of deepening of the energy-dominating attractor of healthy palpatory-painless/psychologically-normal state of the acupuncture system/consciousness. This might have significant psychosomatic implications on necessity of including three front lines of integrative psycho-somatic medicine: (i) Spirituality and circular (psycho / energy) therapies from all relevant meta-positions, with possibility of permanent erasing of mutual memory attractors on the level of collective consciousness; (ii) Eastern (quantum) holistic medicine and non-circular (psycho / energy) therapies, whose efforts temporary erase memory attractors on the level of acupuncture system/individual consciousness, and prevent or alleviate their somatization, as a consequence of the indolence on the first level; and (iii) Western symptomatic medicine, whose activities on the somatic level via immunology, pharmacology, biomedical diagnostics and surgery hinder or soothe somatized consequences of the carelessness on the first two levels. The presented integrative quantum-holographic framework for psychosomatics might have significant holistic implications, providing fundamental quantum-informational framework for better understanding of the nature of psychosomatic diseases as well as limitations of the healing methods, which might help in developing strategies for integrative psychosomatic medicine in the 21st century.

Keywords: *quantum-informational medicine, quantum-holographic informatics, integrative biophysics, acupuncture system, individual consciousness, collective consciousness*

QUANTUM WILL BE THE MEDICINE OF TOMORROW AND IT WILL REVOLUTIONISE OUR LIVES!

Albert Ya. Grabovschiner,¹ Jean-Louis Garillon²

¹ Professor, PhD Biomed Engin, BEEE,
President, “Quantum Medicine Association”, Russia
www.kvantmed.ru
ga@mila.ru

² NMD, D.Public Health, Certif. Quantum Medicine,
Vice-President, “Quantum Medicine Association”, France
jl.garillon@wanadoo.fr

Abstract. Quantum medicine can be defined as a new medical direction, based on synthesis of all recent advances in quantum physics and the latest data on the deep nature of the living with the millennia experience of oriental medicine, or with the information-energy reality of a living substance. Quantum medicine is based on the use of energy quanta, i.e. small doses of electromagnetic radiation, for the purposes of diagnostics, treatment and prevention of many diseases, facilitating recovery of human health. In this case electromagnetic radiation is close to the natural level and intended to have a positive effect on functions of cells, tissues, organs, systems and whole organism. Although quantum medicine is at the initial stage, it promises revolution in majority of the methods to ensure human health in the near future. Through development of information-energy biologically compatible processes, quantum medicine might optimize all areas of healthcare.

Keywords: *quantum medicine, quantum diagnostics, quantum therapy, quantum prevention, future of quantum technologies*

MODERN VIEWS OF MECHANISM AND CLINICAL EFFECTS OF ELECTROMAGNETIC RADIATION OF MILLIMETER RANGE

Boris P. Grubnik

Director, PhD, MD, Scientific Research Center of Quantum Medicine “Vidhuk”, Kiev, Ukraine
grubnik_b@bigmir.net

Abstract. Electromagnetic radiation of a millimeter range (ERHF) has versatile influence on a human body and, first of all, on processes of regulation and homeostasis maintenance. Realization of this influence is appreciably provided at the expense of subcellular, cellular mechanisms of regulation of functions and is caused by a number of features. One of the cores, its multilevel character, is: effects of influence are shown at all levels of the biological organization of an organism. In the mechanism of influence ERHF on a human body unique feature is possibility of its resonant interaction with endogenic ERHF. ERHF affects practically all known types of cages (nervous, muscular, reception, etc.) in modeling systems of any level of the organization of biological object. Mechanisms of this influence are defined by specificity of arising changes of functional parameters of a cage, its separate components caused by influence of the given kind of radiation at molecular and sub-molecular level of the organization of a cage. Possibility of updating under the influence of ERHF physics – chemical properties of a plasmatic membrane, activity of enzymes, ionic transport, permeability of cellular membranes, processes of aggregation of cages – are shown. The expressed influence of ERHF on electric activity of separate neuron is shown. Influence of Microwave Resonance Therapy (MRT) on a sick organism promotes restoration of an aerobic way of recycling of glucose by cells. The extensive clinical and experimental material is testifying changes of the immune status of sick people and after influence of MRT the activity of immune cells is saved up. It is shown that the irradiation of blood of ulcer patients in vitro leads to restoration of the lowered metabolic activity of leukocytes, fagocytic activity of neutrophils, and monocytes. MRT normalizing impact on coagulation system is observed at diseases of cardiovascular system, in particular stenocardias. Usage of MRT at sick of hypertensive illness of I stage restores compensatory possibilities of cardiovascular system, with favorable normalizing impact on hemodynamics. MRT is effective at treatment of gastro duodenal ulcers, at neurologic patients, in complex treatment of patients with hyperplastic processes in a uterus, treatment of gynecologic diseases, in treatment orthopedic, diseases of an urological profile, at treatment of a chronic obstructive bronchitis, in treatment of oncological patients of SH-1Y stage, at sick of a cerebral atherosclerosis, in preventive maintenance and treatment of paresis, a gastro enteric path after operations, treatment of a children's cerebral paralysis. Primary effects concern the general for cages of an organism of the processes underlying ability to live – fabric breath, mechanisms of electronic carrying over. Secondary effects of display of influence of MRT on biological object are defined by hierarchy of levels of the organization peculiar for given biological object. At higher levels of the organization of metaphytes (organic system, level of a complete organism), effects of influence MRT cover the increasing range of displays. At these levels of the biological organization, the increasing role is played by normalization of broken regulation mechanisms – hormonal, nervous, immune, and restoration of the broken functions of separate tissue, bodies, systems of bodies, adaptation-compensatory organism systems. The analysis of results of the usage of MRT in clinical practice allows to conclude that efficiency of microwave resonance therapy is defined not only specifically on the concrete form of diseases, but also in depth of infringement adaptive-compensatory organism systems, convertibility of organic changes in bodies and fabrics. The extensive actual material testified to the various parties of the ERHF influence on biological objects is the basis for the further expansion of a range of searches of applied use of methods of MRT in medicine.

Keywords: *Electromagnetic radiation of a millimeter range (ERHF), Microwave Resonance Therapy (MRT), mechanisms, clinical effects*

ON QUANTUM PHYSICS OF THE ALIVE AND QUANTUM MEDICINE

Sergiy P. Sit`ko,¹ Igor Chervony ²

¹ Academician, Professor, PhD Physicist, BS, Founder of journal Physics of the Alive,
Founder, Scientific Research Center of Quantum Medicine “Vidhuk”, Kiev, Ukraine
Director & Founder, Institute of Physics of the Alive, Kyiv, Ukraine

www.sergiysitko.org.ua
sergsitko@gmail.com

² Assistant, MD, Doctor of Chinese traditional medicine, Certif. Microwave resonance therapy,
Institute of Physics of the Alive, Kyiv, Ukraine

Reddoor55@gmail.com

Abstract. Quantum Physics of the Alive is based on the definition of the Alive (in its distinction from the Dead-inanimate) as a fourth level of quantum organization of Nature (after nuclear, atomic and molecular levels). Self-consistent potential of each living object is formed in accordance with genome as a laser of mm-range wavelength. Such a notion concerning the Alive, grounded on theoretical considerations, clinical material and the direct experiments, allows us to cast a fresh glance on the fundamental problems of biology and not only on them...

Keywords: *the Alive, coherence, genome, nature's quantum-mechanical organization, quantum medicine, mm-range of electromagnetic waves, ancient Chinese medicine, God*

CEM[®] TECH MICROWAVE RESONANCE TECHNOLOGIES

Yulia P. Potekhina,¹ Yury A. Tkachenko²

¹ Professor, PhD, MD, Nizhny Novgorod State Medical Academy, Nizhniy Novgorod, Russia;
Consultant, JSC “CEM-Technology”, Nizhniy Novgorod, Russia

² PhD, MD, Director & Co-founder, JSC “CEM-Technology”, Nizhniy Novgorod, Russia;
Vicepresident, Reflexotherapeutist's Russian Society

cem.consultant@gmail.com

www.cem-tech.ru

Abstract. CEM[®]-Technology is the abbreviation for Controlled Energy Material Technology. A. Kozhemyakin has developed semiconducting materials capable of “memorizing” high-frequency electromagnetic radiation. “CEM[®] TECH” device works on the following frequencies: 42,2; 53,5 and 60,7 GHz and in the “noise” mode in range of 42-78 GHz. Also, this device has a mode of treatment with “background resonance radiation” (BRR[®]-Therapy). Semiconductor reflects external electromagnetic radiation at frequencies specific for the biological object with which the semiconductor was in contact. Because intensity of radiation is low, the activity of healthy cells in biological object is not suppressed, but it is enough to suppress pathology processes in developing stage. This method does not have any contraindications. “CEM[®] TECH” device can be used as the addition to standard treatment, as well as a method for influencing acupuncture points for treatment of many diseases (inflammatory, vascular, degenerative, metabolic, immune, and oncology). In both cases, preliminary examination is needed for finding the necessary points and zones for treatment. The method of infra-red thermography is suitable for this purpose. It is absolutely safe, non-invasive, and highly sensible. Distribution and intensity of thermal radiation is defined by physiological processes. Pathologic processes (inflammatory, oncology, vascular, and degenerative) are characterized by thermo-asymmetry and temperature gradient between the problem zone and surrounding skin tissues. Changes of the intensity of infra-red radiation in the area of acupuncture points are connected to changes of functional condition of correlated organ or system. “Cold” zones correspond to degeneration processes and processes that suppress functional activity, while “hot” zones correspond to increase of functional activity and inflammation. The significant difference of temperatures is more than 0.4°C (M.V. Vogralik, V.G. Vogralik, M.V. Golovanova; Diploma on discovery #115). CEM[®]-Technology Co has created personal thermograph «CEM[®]-ThermoDiagnostics». It transmits data to the computer and its program “CEM[®]-ThermoImage-BIO” draws thermograms on a photo or on 3D model of a human body. The thermograph is handy, portable, easy to use, absolutely safe, and affordable. It also has the optimal accuracy for medical purposes. This device helps to conduct early diagnostics of many diseases and monitor the effectiveness of any kind of treatment. It is possible to estimate the effectiveness of the treatment course by doing repeated thermographic examinations before execution of treatment procedures. In case of successful treatment of acute inflammatory process, the temperature in the inflammation center should decrease. It is also possible to estimate the length of remission of chronic diseases, and reveal exacerbations on early stages. Personal thermograph «CEM[®]-ThermoDiagnostics» can be used by any doctor in his/her everyday practice. Besides, it can be used by computer literate patient after receiving sufficient instructions of a doctor. Obtained thermograms can be exchanged by patient and doctor by email. Thereby, we offer a modern approach to treatment of diseases: non-medication therapy under temperature supervision with constant feedback.

Keywords: *microwave therapy, background resonance radiation, infra-red thermography, personal thermograph, acupuncture points, feedback.*

MODERN SITUATION AND PERSPECTIVES OF ELECTROPUNCTURAL DIAGNOSTICS AND BIORESONANCE THERAPY

Mihail Yu. Gotovskiy

Director, Center of Intellectual Medical Systems IMEDIS, Moscow, Russia

www.imedis.ru

gm@imedis.ru

Abstract. More than 30 years ago Dr. F. Morel introduced a bright idea of the bioresonance therapy. Since that time we observe development of several directions of technical implementation of this idea as well as clinical application of the equipment. It should be noted that bioresonance therapy, homeopathy and electropunctural diagnostics methods are officially approved by Ministry of Healthcare of the Russian Federation. All that gave the chance for both fast and deep, accompanied by fundamental research, development of diagnostic and therapeutic methods based on integration of empiric conceptions and heuristic models of classical acupuncture, homeopathy, physiology, chronopathology, with support of electronic hardware. Medical educational institutions offer post-graduate retraining courses covering all methods of traditional medicine. Such favorable situation gave rise to development of domestic producers of equipment for bioresonance therapy and electropunctural diagnostics and therapy, for example Center of Intellectual Medical Systems IMEDIS, which produces all range of mentioned equipment. In Russia method of bioresonance therapy gained wide distribution thanks to researches and developments conducted by Center of Intellectual Medical Systems IMEDIS directed by Yu. V. Gotovskiy. First experimental works on development of bioresonance therapy were done in middle of 1980ies by the collective of developers of diagnostic and therapeutic equipment later formed as Center IMEDIS. In 1994 apparatus for bioresonance therapy IMEDIS-BRT for the first time was approved for production and application in medical practice in Russian Federation, and in 2000 Ministry of Healthcare of the RF approved methodical recommendations for bioresonance therapy. Conception of endogenous adaptive bioresonance therapy formulated and developed by Yu.V. Gotovskiy, based on meridional systematic approach to therapy of various diseases, is realized in equipment produced by Center IMEDIS. Along with creation of diagnostic and therapeutic equipment, collective of Center IMEDIS worked out principally new methodic approaches to application of bioresonance therapy for treatment of various pathologies as well as rehabilitations and sports medicine. The results of such work are used by Center IMEDIS for scientific research, development of educational packages for post degree training of medical doctors, and methodic recommendations. Bioresonance therapy is developing on the basis of experimental and clinical backgrounds at the modern level of knowledge. For example, one of the first researches in the area of bioresonance therapy in Russian Federation was the article of Prof. B. I. Islamov, entitled “BRT as method of non-pathogenic induction of protein synthesis in human blood lymphocytes”, published in 1995 in Reports of Russian Academy of Sciences, where it was shown that BRT restores synthesis of heat shock albumens in patients with stomach ulcerous disease, polyarthritis, spinal osteochondrosis, and that heat shock proteins responsible for development of autoimmune processes are also raised, e.g. an affect of similia is observed. During last 15 years a huge scientific research and practical work on application of the bioresonance therapy in clinical practice was done. Books, practical guidances, methodical recommendations, and articles in profile magazines were published. And candidate and doctorate works were fulfilled. Up to date results of experimental and clinical work will be presented during report.

Keywords: *Center IMEDIS, electropunctural diagnostics, bioresonance therapy*

INERGETIX-CORE QUANTUM-INFORMATIONAL TECHNOLOGIES

Kiran Schmidt

Director & Founder, Inergetix Inc, Oregon House CA, USA

www.energy-medicine.com

Abstract. The Inergetix-CoRe™ offers the only system that combines informational and energy medicine to find reproducibly client specific frequencies. The Inergetix-CoRe™ offers worldwide the first and only software controlled method to find client specific frequencies automatically, fast, effective and reproducible. It is based on the principles of quantum physics, the principles of resonance and global scaling, issuing a complex statistical analysis on the basis of a large database of over one hundred thousand patterns of internal and external stress sources. By using Random Event Generator (REG) quantum-informational interaction with representative “informational signature” of each individual, the image of every “symptom” and each “remedy”, the Inergetix-CoRe™ generates and selects complex models to establish the REG resonance between the client, symptoms and remedies and then uses the statistical analysis of the results to set the probabilities of the highest resonance. It works both on the informational or energetic levels, and its results will always be probabilities and not Yes/No answers. The main challenge in understanding Inergetix-CoRe™ is that it does not have to be physically connected to the client to evaluate or balance. Simply put, the quantum-holographic connection of a person’s information with healing information is performed by their quantum-holographic coupling via REG software programs. In other words, *in one quick procedure we can know which frequencies are out of balance, and then re-balance them right away, all with the same equipment.* This is the future happening right now!

Keywords: *Inergetix-CoRe™, energy-informational medicine, quantum-holographic principle, REG quantum-holographic coupling*

ON-LINE DIAGNOSIS STATE OF A PATIENT IN TREATMENT BY METHODS OF QUANTUM MEDICINE

Alla V. Ivanovskaya

PhD Physicist, BS, Scientific Research Center of Quantum Medicine "Vidhuk", Kiev, Ukraine
ivanovskaya-alla@ukr.net

Abstract. Modern views on medical technology include multiple links, which form a complete cycle. The main links in the system diagnosis are: identification of functional parameters of the organism or its separate systems, the selection on the basis of received information treatment parameters, continuous (on-line) patient monitoring, and research at the end of treatment. These diagnostic methods have become particularly relevant with the advent of microwave resonance therapy (MRT). The purpose of this report is presentation of the results of several research methods: endocellular microelectrophoresis, infrared thermography, differential reflectometry, and reflectivity study of biologically active points. These methods, in our opinion, meet the necessary requirements: to rapidly obtain a result, noninvasive, no traumatic for the patient, repeatedly reproducible, and having no any impact on the patient's energy. Displaying the patient's condition in real time using the proposed methods provides feedback and enables the doctors to correct operational parameters of MRT.

Keywords: *Citobiophysical method of evaluation of the patient, infrared thermography, differential diagnostic reflectometry, anisotropy and reflecting properties of human skin*

MICROWAVE RESONANCE THERAPY

Zlata Jovanovic Ignjatić

¹ MD, Physiatriist, BSc Homeopath, Certif. Acupuncture & Quantum medicine-MRT, Voll's diagnostics and therapy, Specialist Medical Practice, Belgrade, Serbia

² President, Acupuncture and Quantum Medicine Section, Serbian Medical Society

³ Vicepresident & Co-founder, Int. Association for Promotion and Development of Quantum Medicine "Quanttes"

⁴ Member, Committee for Regulation of Traditional Medicine, Serbian Ministry of Health

ordinacijadrzlata@yahoo.com

www.quanttes.org.rs

Abstract. The use of athermic, low-intensity electromagnetic waves of extremely high frequency microwave range (EM MW) is a biomedical novelty in quantum medicine. Microwave resonance therapy (MRT) is based on the Russian-Ukrainian concept on quantum nature of acupuncture system, as a dynamic structure joined at the locations of the maximum of de Broglie's interferential three-dimensional standing waves. The changes in dielectric properties of tissues lead to a disease, deforming the structure of the EM MW standing waves and related acupuncture system. Microwave resonance therapy (of extremely high frequency 42-100 GHz, athermic energy 10^{-4} eV and extremely low intensity 10^{-21} W/Hz cm²) resonantly normalizes frequency responses in excited acupuncture system and an organism biochemically overcomes a disease via physiological-neurohumoral MW and self-regulatory acupuncture mechanisms. This paper shows biophysical basics of microwave resonance therapy, methodology, similarities, differences and novelties in current Russian and Ukrainian technologies, as well as results of microwave resonance therapy application in own practice, which confirm high effectiveness of this approach.

Keywords: *quantum medicine, microwave resonance therapy (MRT), acupuncture system*

KNOWLEDGE FEDERATION HOLISTIC FRAMEWORK

Dino Karabeg

¹ Associate Professor, PhD Computer scientist, BEEE, Institute of Informatics, University of Oslo, Norway

² Founder, Knowledge Federation

www.knowledgefederation.org

dino@ifi.uio.no

Abstract. Quantum-Informational Medicine and Knowledge Federation share a fundamental interest: To develop a *holistic* framework for science and for knowledge work in general, i.e. a framework that does not unnecessarily limit our worldview, but helps us evolve culturally and socially. Knowledge Federation approaches this task directly, by making it a subject of a collaborative ‘game-changing game,’ where we discover and make ‘moves’ whose aim is to change real-life knowledge work practices. This article summarizes eight such ‘moves,’ and extends an invitation to join the work on the larger new frontier that Quantum-Informational Medicine and Knowledge Federation might belong to together.

Keywords: *knowledge federation, systemic innovation, epistemology, cultural revival*

DECOLONIZATION OF ALTERNATIVE MEDICINE

Vuk Stambolović

¹ Retired Associate Professor, PhD, MD, Institute for Hygiene and Social Medicine,
Faculty of Medicine, University of Belgrade, Serbia

² Member, Committee for Regulation of Traditional Medicine, Serbian Ministry of Health
vukstambol@yahoo.com

Abstract. The relation of official and alternative medicine was changing according to the changes of socio-economic conditions. These changes, actually, have led the official medicine to colonize the alternative medicine. Nowadays, however, socio-economic conditions are enabling the process of decolonization. The decolonization of alternative medicine should be both professional and personal. Only merged those two aspects of decolonization could lead alternative medicine to quit the position of a minor, and official medicine to quit the position of an oppressive tutor.

Keywords: *official and alternative medicine: relations*

THE ANALYSIS OF BIOLOGICAL SIGNALS AND GENETICALLY DETERMINED FUNCTION OF AUTONOMIC NERVOUS SYSTEM

**Branislav Milovanović MD PhD Prof Chief & Founder,^{1,2} Vera Radivojević MD,¹
Slavica Mutavdžin MD,¹ Bojan Milovanović MD,¹ Tatjana Krajnović MD¹**

¹Neurocardiological Laboratory, Cardiology Department,
University Clinical Center Bezanijska Kosa, Medical Faculty, University of Belgrade, Serbia

²Society for Neurocardiology of Serbia
branislav_milovanovic@vektor.net

Abstract. It is very known fact that according to some new studies hypertension and resting heart rate are genetically determined. According to some studies heart rate variability is the constant related to type of autonomic pattern. Owing to this fact that function of autonomic nervous system is constant, the treatment of diseases could be evaluated using different groups related to type of dysfunction. This is the first but very important step in the development of general principles of personalised medicine. In order to reveal right type of autonomic disorder we used short and long term of HRV analysis with special Ansa Scan Software. A comprehensive study protocol was done including finger blood pressure variability (BPV) and heart rate variability (HRV) beat-to-beat analysis and nonlinear analysis, 24-hour Holter ECG monitoring with QT and HRV analysis, 24-hour blood pressure (BP) monitoring with systolic and diastolic BPV analysis, cardiovascular autonomic reflex tests, cold pressure test, and mental stress test. The patients were also divided into sympathetic and parasympathetic groups, depending on predominance in short term and long term spectral analysis. In the second level of treatment of patients, we used drugs which are in complementary relationship to the type of autonomic pattern.

Keywords: *autonomic nervous system, biosignal processing, sympatho-vagal polarity, genetic aspects*

HOMEOPATHY: ENERGY-INFORMATIONAL HOLISTIC VIEWPOINT

Lazar Trifunović

MD, BSc Homeopath, Private Medical Practice „Agora“, Novi Sad, Serbia
laki55@yahoo.com

Abstract. Homeopathy is a medical system founded by the German doctor and chemist Samuel Christian Hahnemann (1755 – 1843) who had profound insight into life, the human body, health and disease. Only recently modern scientific disciplines, such as quantum physics, have started to explain the discoveries to which Hahnemann came intuitively. Homeopathy, contrary to conventional western medicine, is based on the belief that humans are much more than their material physical body. Homeopathy recognizes levels of existence that are not perceivable by our five senses. The core of our being is made of energy, our vital force. It abides at the energy level, but manifests itself on three different levels. The most subtle level of its manifestation is the mental level where it manifests as thoughts, the next level is our emotional level where it manifests as emotions, and on the physical level its manifestation is material body. When the vital force is in its natural state of balance, its ideal state, it is manifested as mental, emotional and physical health. However, if our vital force is out of balance it is considered in homeopathy as disease. This disease will be expressed by our vital force as pathological symptoms on the mental, emotional and physical levels, extending the concept of disease that classical medicine upholds. For homeopathy disease is possible only at the energy level. Symptoms on the mental, emotional and physical level are only the external, visible manifestation of the disease. In homeopathy influences on the vital force that throw it out of balance are called miasms. Miasm is a word of Greek origin which means pollution, impurity, or stain. Hippocrates was the first to use word miasm to explain how diseases are spread by air, water, or other ways. If we treat a single case of pneumonia we can heal it as an acute illness without understanding of miasms. However, if it reoccurs with other illnesses of the respiratory tract, this means there is a tendency towards these diseases. Our aim is to address the tendency and we cannot heal it without the understanding of miasms. Miasms are pathological energy fields that influence the vital force and keep it out of balance. This causes a predisposition towards different kinds of diseases that occur repeatedly, or towards a chronic disease with various complications and the onset of low immunity. As miasms are energetic influences, they could be treated only by other energetic influences, which can be homeopathic remedies. The therapeutic effects of homeopathic remedies are not based on biochemical reactions as in classical medicine, but on the interaction of energies.

Keywords: *homeopathy, vital force, energy level, mental, emotional, physical, disease, symptoms, miasm, energetic influences, predisposition, chronic disease, homeopathic remedies*

MADU MAGNETOTHERAPY

Dužanka Mandić,¹ Drago Djordjević,² Dragan Cvetković,³ Slobodan Kažić,⁴ Jelena Popović⁵

¹ PhD, MD, MADU Clinic, Belgrade, Serbia

www.madumagnet.rs

mandic.r@sbb.rs

² Assistant Professor, PhD, MD, Institute of Pathological Physiology,

Faculty of Medicine, University of Belgrade, Serbia

dragodj@med.bg.ac.rs

³ BsD, MD, Clinical Center of Serbia, Belgrade, Serbia

⁴ PhD, MD, Clinical Center Zvezdara, Belgrade, Serbia

⁵ MD, MADU Clinic, Belgrade, Serbia

Abstract. The Earth magnetism belongs to one of four natural central forces that have made significant contribution to survival and health preservation of all the life. The substitutional therapy of MADU new medical technology is based on application of two inventions acclaimed as patents and registered as medical devices. The MADU therapy is acknowledged as new health technology in 2007 by Ministry of Health, Republic of Serbia (No. 022-04-19/2006-07), and it includes the application of Trap for shell fragments (first patent) for displacement and evacuation of foreign ferrous remaining fragments, as well as MADU strip (second patent) with wide application field. The confirmed indications, based on experience in medical practice up to now, are: (i) Faster and more complete development of callus in bone fracture; (ii) Delivery of medicaments with ferromagnetic and paramagnetic properties; (iii) Non-invasive displacement and evacuation of ferrous foreign bodies; (iv) Preventive and curative with vein deformations; (v) Immobilization of thrombus for its faster rechanellization; (vi) More lavish oxygen delivery by blood into the areas of reduced micro-circulation; (vii) Reduced swelling in the area under the influence of directed deep magnetic field; (viii) Improved viscosity in the arterial and vein blood vessels; and (ix) Faster and improved regeneration of various tissues, especially cartilage. The subtle influence of permanent magnetic field increases and improves metabolic processes and thus stimulates regenerative processes. The processes of cartilage regeneration, angiogenesis and neuroneogenesis are of great significance for the mankind. The ancient knowledge (as reflexology, acupuncture...) is very effectively used as the basis of opening gap junction channels - prainformative centers in the organisms. The knowledge accumulated through centuries of human history is explained and scientifically approved in 1980s. It was more thoroughly studied and presented in the PhD study about magnetic fields, including MADU (D. Djordjević, MD PhD, 2007/2008). The positive results are obtained in treating disorders of osteoarticular system (ISCD-10, M 00-M 99), as well as in treating disorders of peripheral vascular system (ISCD-10, I 70-I 99). Both of these groups of common diseases, the most successfully treated, have huge social-economic and medical relevancy. The MADU therapy could be applied as additional therapy together with contemporary medical procedures. Having in mind the experience gathered through application of MADU and its effects on local and global level, indicational field is getting more and more wider while contraindications and precautions are narrowing down. Thus, this type of magnetotherapy belongs to the future.

Keywords: *medicine, quantum-informational medicine, magnetic fields, MADU method, gap junctions, regeneration, cartilage, blood vessels, angiogenesis, nerves, neuroneogenesis*

CHIROPRACTIC AND HOLISTIC APPROACH TO HEALTH

Petar Dinic

¹ MS, MD, DC, B CAO, Private Medical and Chiropractic Practice „Life“, Belgrade, Serbia

² President & Founder, Serbian Chiropractic Association, Serbia

<http://hiopraktor.com/index.html>

npdinich@yahoo.com

Abstract. Chiropractic was established in 1895 in the USA, when Daniel David Palmer, who was spiritual and energy healer, made first adjustment of the spine with the new method which was called chiropractic. Today chiropractic is one of the leading alternative or complementary methods of healing in the world. In more than 20 schools and Universities only in the USA and much more in other countries around the world, students are learning (during 5 years of studies), about the philosophy, science and art of chiropractic adjustments. The main focus of chiropractic is spine (back pain, neck pain, headaches) and pain that has sceleto-neuro-musculoskeletal origin, but often chiropractic can help those who have also other health problems. Three major philosophical principles of chiropractic are: vitalism, holism, and naturalism. Vitalistic principle in chiropractic assumes existence of Vital force, which in chiropractic we called *Innate Intelligence* (similar to Qi in Chinese medicine). Innate Intelligence or “innate” as a part of *Universal Intelligence* is acting mainly through the nervous system, creating the state of health or disease. We are all created to be healthy (not sic) and to have joyful and happy life and the only thing that can interfere with this is *misalignment* or “subluxation” which block the free flow of innate - nerve impulses (energy and vibrations), which put body in state of *dysfunction* and consequently disease, which is followed at the end with the symptoms. By definition and philosophy most conventional medical doctors (practicing allopathic medicine) tend to view good health primarily as a physical state where there is no obvious disease present. In contrast, chiropractic doctors, recognize true health as the optimal state of physical, mental, emotional and spiritual well-being. Holistic principles of chiropractic therefore require from us to look at the *whole person* and not only on its symptoms, which last comes and first goes away. Naturalistic principle of chiropractic is saying that: “Only the power that creates us can heal us”. Therefore, we have to look for more natural ways of treatment, without depending heavily on drugs and surgery. With more holistic and less materialistic-mechanistic approach to health, chiropractic is looking forward to share her holistic insights with other quantum-holistic methods, looking for better understanding and explanations of some “intangible” phenomena, such as Innate Intelligence, that she has often hard time explaining by paradigm of classical science. Chiropractic innately knows that quantum-informational medicine with consciousness based holistic approach, as well as energy-vibration medicine and mind-body approach, has paramount importance for bringing us that missing link and opening the door for better understanding of the real cause of the disease process, from non-physical perspective and out of *limited reality* that classical mechanistic scientific paradigm offers. In some near future this can brings us closer to the *source* of all diseases and helps us to understanding better: “Who we are and Why we are here”? This can provide us than with new tools for healing our individual and collective consciousness and re-connecting with our true self, nature, God and whole Universe. Better understanding of our consciousness, spirit (life force – innate), and soul, as the part of the brain and/or body experience, or as our “*extended self*” (aura, unified field of energy and vibration), will strengthen our quest for meaning and complement our mature spirituality. It is for us to hope that this quest will ultimately bring us transformative insights for better health and for the birth of a *new wisdom*.

Keywords: chiropractic, health, Innate Intelligence, Universal Intelligence, holism, limited reality, extended self

LITHOTHERAPY: KALININ METHOD

Igor D. Kalinin

PhD, MD, Retired Neuropsychiatrists,
Corresponding Member, International Academy of Ecology & Life Protection Sciences,
St. Petersburg, Russia
www.maneb.org
chikine1@mail.ru

Abstract. Bioenergetics is a science which explores mechanisms and laws of energy transformation during human life activities. Any natural process, including a living organism, can be represented as a system of periodic oscillations with own eigenfrequencies. To understand and improve any disorder, it is important to reveal a correlation of eigenfrequencies of an organism, and its separate organs, and even cells. Some investigations imply that a structure of some minerals enables a focusing and transformation of some frequencies which have a feedback influence on cells of a healthy organism. Bioelectromagnetic potential irradiating from a crystal, appears to be a healing factor, which helps in healing an organism, i.e. in restoring state of homeostasis. A presence of organic crystals, microelements in microdoses in pigments, proteins, lipids, and enzymes, seems to play most important role in processes of energy-exchange in living organism. Weak electromagnetic radiations from minerals seem to be in resonance with these organic crystal-like structures... Scientists from the Institute of Crystallography of Russian Academy of Sciences, were exploring phenomena in crystal healing in them some "origins of life". Their method is based on the millenia-old practice, related to registration of client's bioenergy field. There are methods of corrections of this bioenergy field: its dimension, density, and asymmetry in respect to client's body. Practical basis of these methods is medical reflexotherapy. By palpating along spine, biological active zones (BAZs), corresponding to painful muscle swellings, can be found. Then an action by mineral crystals weighted 20-50 g, is performed on the BAZs on front side of the body along the line parallel with spine. Then a massage of these painful muscle swellings is performed until their full resorption. Foll's diagnostics is an objective test for selection of minerals and their healing effects. There are three observed after-reactions, confirming positive effects: (i) local reactions – change of the minerals' colour, improved microcirculation, change in local temperature, electrical potential and resistance in the region of BAZs; (ii) segmental reactions – reflexogenic segmental response of an organism upon stimulation of BAZs, in the form of increased conductivity along nerves, an amplitude restoration of muscular biopotentials, vanishing of negative asymmetries, change in skin temperature and electrical resistance; (iii) general reactions – activation of regulating brain centers, responsible for coordinative changes in various functional systems of the organism, which is confirmed by changes in EEG, general vegetative tonus of the organism, secretory and motor functions of stomach, and endocrine-hormonal status.

Keywords: *Kalinin method, lithotherapy, crystalotherapy, reflexology, local reactions, segmental reactions, general reactions*

BI DIGITAL O-RING TEST

Momir Dunjić

¹ Docent, PhD Gynecologist, MD, School of Medicine, University of Pristina, Serbia

² President & Founder, Serbian Association for Integrative Medicine, Belgrade, Serbia

³ President & Founder, Serbian Association for BDORT, Belgrade, Serbia

⁴ Member, Int. Association for Promotion and Development of Quantum Medicine "Quanttes", Belgrade, Serbia
momirdunjic@yahoo.com

Abstract. Bi-Digital O-Ring Test (BDORT), or resonance diagnostics, is based on the resonance of electromagnetic waves, the phenomenon discovered by the famous physicist, a scientist of Serbian origin, Mihajlo Pupin. The idea to apply phenomenon of resonance in diagnostic purposes and to introduce it into medical clinical practice, came from Prof. Dr. Yoshiaki Omura, inventor of BDORT method. His research concerning the implementation of BDORT was highly indexed in the medical journal: Acupuncture & Electro-Therapeutics Research, The International Journal. In 1993 he received U.S. patent for an invention: Bi-Digital O-Ring Test for Diagnosis and Imaging of Internal Organs of a Patient, Patent no. 5,188,107. BDORT is non-invasive diagnostic and therapeutic method. BDORT mechanism is based on the change in muscle strength in the grip of the fingers, which is changing due to changes in activity of the enzyme N-acetyl-serotonin transferase and neurotransmitter serotonin concentration in the pineal gland, by activation of receptors for the resonance. Diagnosis takes on average 30-60 minutes, by using reference substances produced in Japan. Sensitivity and specificity of the data is estimated to reach 90%. All data got by BDORT, we try to confirm by standard laboratory and clinical tests. Due to the diagnosis of certain diseases before the onset of symptoms, many see this as a preventive method for early diagnosis and prevention of many chronic diseases such as endocrine (diabetes, thyroid disease...), neurological, rheumatic, gynecological, malignant, and others. BDORT is a method that combines knowledge from the scientific and complementary medicine. It is now the trend in the world of medicine to create so-called Integrative medicine, which should not only be a simple compound, but a new quality in the diagnosis and treatment. Applications of a BDORT: (i) Early diagnosis of many chronic diseases; (ii) Discovering the cause of many intractable diseases and their treatment; (iii) Detection and testing of appropriate drugs, determination of optimal doses and testing individual interactions (positive or negative) of drugs used to treat; (iv) Selective Drug Uptake Enhancement Method - a method which we refer drug to infected area, increasing the effect of treatment and reducing the harmful effects of drugs in the body; (v) Detection of intolerance and allergies (inhaled, nutritional, and contact allergens); (vi) Detection and localization of pathological changes in the body, particularly infections, the type and activity (viruses, bacteria...), which is difficult to diagnose with standard tests, especially in inaccessible parts of the body (central nervous system...); (vii) Detection and localization of toxins in the body (Autism, Alzheimer, MS, malignant diseases, rheumatic diseases, endocrine disorders, infertility and sterility...); (viii) Detection of toxins in the patient environment (apartment, food, clothes, makeup, hair dyes countries, children's toys...); (ix) Detection and evaluation of health effects of various types, primarily non-ionizing radiation in the environment: at home, workplace... (radiation from cell phones, computers, various electronic devices, radiation of base stations, power stations, geopathogenic radiations...); (x) Accurate detection and localization of acupuncture points and acupuncture channels, etc.

Keywords: BDORT, resonance, diagnosis, EMFs, intractable diseases

ORAL SESSION A

QI VITALITY AS A BASE OF TRADITIONAL CHINESE MEDICINE

Ana Žikić

MD, BSc Homeopath, University of Traditional Chinese Medicine, Beijing, China
anazikic6@gmail.com

Abstract. A major functional concept from traditional Chinese medicine (TCM) is qi. Qi is similar to the term prana (life force) of India and is known as ki in Japan. As a vital essence found in all things, qi has aspects of both matter and energy. Nowadays it is known that matter and energy are convertible into one another and that they actually represent one reality. Where qi is flourishing, there is health and quietness, if it is weak there is disease. qi concept gives us the measure of vitality of person, object or state. Using diagnostic methods of TCM we can accurately measure the level of qi in human body and its manifestation in functioning of internal organs. Transformation and proper movement of qi is the basic for the movement of blood, the transformation of Essence, digestion of food, the excretion of waste, the moistening of sinews and bones. TCM is considering different forms of qi: original, nutritive, defensive, gathering... We get qi in our body, from three different sources: (i) from air we breathe, (ii) from food, and (iii) from the essence of the kidneys, some part of which we are born with. Qi is also transferred between people in everyday life in form of different activities. Herbal therapy, acupuncture, exercises, awareness practices are some of the ways to clear obstructions and provide the free flow of qi. Chinese diet is one of the basic foundations of achieving and maintaining good health. Its foundations are concepts of yin and yang and five-element model. Healing properties of each food are defined by their thermal nature and taste. There are four basic thermal natures: hot, cold, warming and cooling. Taste of food is related to one of the five elements: sour for wood, bitter for fire, sweet for earth, pungent for metal and salty for water. In one of the oldest books of TCM, The Yellow Emperor's Inner Classic (Huang Di Nei Jing) it is mentioned that in order to get the best results one should consider current season and 24 hours flow of qi. Some of the main diet principles are: treatment should be primarily based on pattern discrimination, protection and promotion of stomach and spleen, and avoidance of prohibited food. Diet on the one hand must be balanced by adequate activity and rest/relaxation on the other.

Keywords: *traditional Chinese medicine (TCM), qi, movement of qi, vitality, essence, Chinese dietology, properties of food, thermal nature of food*

ADDITIONAL APPLICABLE TECHNIQUES IN ACUPUNCTURE TREATMENT: MOXIBUSTION, CUPPING AND GUASHA

Ana Žikić

MD, BSc Homeopath, University of Traditional Chinese Medicine, Beijing, China
anazikic6@gmail.com

Abstract. Because of its simplicity of operations, high effectivity, convenience and low cost, treating disease by using techniques of moxibustion, cupping and guasha is becoming acceptable for people all over the world. Moxibustion treats and prevents diseases by using moxa fire. The chapter Guan Zhen (Official Needling) in Ling Shu (Spiritual Pivot) says: If the disease could not be treated by acupuncture, moxibustion might be the suitable method. The herb named *Artemisia Vulgaris* (mug wort, pungent in nature and bitter in flavor) in form of moxa cone or moxa stick is being applicable to acu-points or acu-meridians. After the proper syndrome differentiation, proper body posture and area for moxibustion are chosen. One of the oldest and most effective techniques is moxa on point ZuSanLi (ST 36). It has immunity increase and anti-ageing effect. Nowadays many researches on clinical application and mechanism of moxibustion are done: they show high-effectiveness in warming and dispersing wind-cold pathogens, warming kidney and strengthening the spleen, preventing diseases and promoting health. Cupping, also called home therapy in ancient times, is method of applying a cup in which a partial vacuum is created on the skin for therapeutic purpose. There exist different material and size of cups. Also, different techniques of cupping (single, multiple, quick, retaining, moving...) could be applied depending on disease and desired result of treatment. Indications of cupping are: releasing the exterior, removing dampness, removing blood stasis, and promoting blood circulation. Guasha (to scrape) is ancient Asian technique which involves stroking, pressuring and rubbing the skin on particular places with round-edge instrument in order to promote sha-petechies on the skin. Influencing surface of the skin and connective tissues is very much related to influence the san jiao (triple burner). It is one of the biggest organs in human body, according to the basic theory of traditional Chinese medicine (TCM). TCM learns that san jiao regulates all water passages and fire in all three center in body. This is explanation how by rubbing just one part of the body, you are actually influencing the whole. Very fast, the immediate relief from cough, nausea, cough, stiffness could be experienced.

Keywords: *traditional Chinese medicine (TCM), acupuncture and moxibustion, guasha, cupping, san jiao*

CHINESE CONCEPT OF FIVE PHASES (WU XING - 五行) IN THE LIGHT OF SYSTEMS SCIENCE

Nataša Mišić

PhD Biomedical engineering, BEME, Lola Institute, Belgrade, Serbia
natasa.misic@li.rs

Abstract. The Chinese concept of *Five Phases*, together with the *Yin-Yang* theory, has for the thousands of years been the basis for Traditional Chinese Medicine and through it demonstrated its validity. In spite that fact, the deeper theoretical understanding of the Five Phases, as a concept which reflects the simplest essential principles, parts and phases of any existence, has remained blurred in terms of Western science and reduced to its interpretation as a symbolic scheme with more or less strict adherence to the original interpretation. Obvious aggravating factor in its understanding is that the names and order of certain phases are a different than in all other corresponding ancient concepts of *Five Classical or Essential Elements*, like Babylonian, Greek, Hindu, Buddhistic, Japanese, Tibetan, or the concept of Medieval Alchemy. Therefore, we first tried to unify these concepts and then to bring them in connection with certain mathematical, physical and biological systems and models, with particular reference to the meridian system. This analysis enabled the comprehension of Five Phases as a hierarchical 3D model through the self-similarity symmetry, which is consistent with the observed fractal organization in living systems and with a holistic view of the human body, providing the support for Integrative Medicine.

Keywords: *five phase concept, classical elements, systems theory, modeling, fractals*

APPLICATION OF BOWEN THERAPEUTIC TECHNIQUE IN THE TREATMENT OF SCOLIOSIS

Aleksandra Maksimović

Physiotherapist, Bowen therapist and reflexologist
aleksandruida@yahoo.com

Abstract. Bowen technique is a gentle, holistic, manual therapy, beneficial for many body disorders. It works on babies and animals and so placebo effects are excluded. It works through stimulation of sensitive nerve endings, located within dense connective tissue elements such as tendons, fasciae, ligaments, periosteum and loose connective tissues throughout the body. In this particular work it is applied as a powerful remedy for spinal scoliosis. This disorder is quite frequent in school children and adults as well. There are specific Bowen relaxation movements and procedures (BRM), for different disorders, even though the effects are always beneficial for the whole body.

Keywords: *Bowen technique, scoliosis, sensitive nerve endings, BRM*

QUANTUM-INFORMATIONAL MEDICINE AND BIORESONANCE TECHNOLOGY

Radojka Prelević

MD, MBCMA, MRSM, MCMIRL (PM),
Certif. TCM and Acupuncture, Bio-resonance Therapy, Quantum Informational Medicine,
Owner and Director, Alternative Medicine Clinic R & B Healthwise Ltd,
Wilmslow SK9 1NT, Cheshire, UK
dr.rada@btconnect.com
www.drrada.co.uk

Abstract. The e-Lybra® Bio-resonance system is designed to analyze imbalances in the bio-field of the client and at the exact same time produces bio-resonance patterns that harmonizes the imbalances found. These balancing bio-resonance patterns are sent to the client during a session via comfortable connection cables. The range of imbalances covered includes the complete physiology of the body, psychological, emotional and subtle energy systems. In this paper we provide information about e-Lybra® Bio-resonance System and our several case studies supporting its efficacy in non-distant and distant bio-resonance diagnosis and healing.

Keywords: *e-Lybra®, bioresonance technology, quantum-informational medicine*

POSSIBILITIES AND TRAPS OF BIORESONANCE DIAGNOSTICS

Tatjana Lalić

MD, Certif. Acupuncture & Information medicine,
Private Medical Practice "Biobalance", Belgrade, Serbia
tatjanalali@yahoo.com

Abstract. Scientists well know that living cells and their structures emit electromagnetic waves which we use in functional examination of organisms. With their decoding and explanation, we can detect very early dysfunctions of whole organism from macroscopic to ultramicroscopic structures. Method we used is so called Bioresonance, which may capture changes in very small structures, showing dysfunctions in preclinical stage. Hence, it is perfect for correction and prevention of appearing illness. As a part of our research, we will show early detection of dysfunction in cardiovascular system. For evaluation, we used: (1) non-invasive bioresonance diagnostic methods, registering disturbances of electromagnetic oscillations in different organs and tissues; (2) daily saliva and urine pH values self-control, and (3) elemental hair analysis. Examinations were conducted on 103 subjects (67 females and 36 males) aged 15-86 years. Volunteers were divided in 3 groups according to their age (< 30; 30-50, and > 50 years). We followed changes in tissues of coefficients of Mg distribution and other relevant parameters for cardiovascular status validation (Ca, K, LDH CRP, cholesterol, alkaline phosphatase; creatinin-phospho-kinase). In most subjects, early forms of abnormalities were discovered in functioning of myocardium (58%), abdominal and thoracic aorta (63%), arteries coronaries (66%), brain arterial circulation (69%), venous circulation (75%), and arterial blood pressure (50% hypertension, 15% hypotension, 45% variable). Also we followed changes in chromosomes with genes for cardiovascular system; we found changes on chromosome 1 in 89%, on chromosome 2 in 93%, on chromosome 7 in 66%, on chromosome 19 in 78%, and chromosome X in 75% of volunteers. These subjects were without symptoms, and without changes in laboratory or ECG examination. But this hides many traps for both doctors and patients, as the number of studies based on the Bioresonance technique is not large, although despite its young age it shows promising results. This also implies that nowadays doctors of integrative medicine have to be not only specialists in conventional medicine and holistic medicine, but in related multidisciplinary fields too.

Keywords: *bioresonance, electromagnetic waves, chromosomes, cardiovascular system, prevention*

HARMONIZATION OF HUMAN BODY SYSTEM BY HARMONIZED EM RADIATION WHICH EXCITED LONGITUDINAL MECHANICAL WAVES $\lambda \leq 2m$ IN BIO-MOLECULES

Aleksandar S. Tomić¹, Goran Marjanović², Rudolf Vojnić-Tunić³, Djuro Koruga¹

¹ Faculty for Mechanical Engineering, Belgrade, Serbia

² Megatrend university, Belgrade, Serbia

³ Rudolfs Magnet System Doo, Subotica, Serbia

atomic@mas.bg.ac.rs

Abstract. The opto-magnetic method [1] is successful applicable to skin properties determination and description. We applied method on “bio-resonant massager”, device produced and applied to bio-medical purposes by Rudolf Vojnić-Tunić, specially adapted Tesla’s coil, working with 4 W power and impetus on frequency in range kHz. How works special camera and software of opto-magnetic device, we demonstrated on example of young man with skin problems, before and after application of Tesla’s coil massager. In these circumstances positive influence of harmonized electro-magnetic radiation in frequent band 880 Hz-125 MHz appears as source of longitudinal low energy mechanical waves in bio-molecules with $\lambda \leq 2m$, or wave length equal and shorter than human body length. Belong to holistic concept in medicine, it assume fact that human body works as system which presumption for function are harmonization of all subsystem into human body system. According to our previous theoretical investigation [2] we concluded that mechanism of influence to bio-molecules presents non-linear process known as maser effect.

Keywords: *opto-magnetic method, Tesla’s coil emission, holistic approaches & techniques, harmonization, longitudinal mechanical waves in bio-molecules.*

BONE FRACTURE TREATMENT BY MADU MAGNETOTHERAPY

Duška Mandić,¹ Drago Djordjević,² Dragan Cvetković,³ Slobodan Kažić,⁴ Jelena Popović,⁵ Milena Kažić⁶

¹ PhD, MD, MADU Clinic, Belgrade, Serbia

www.madumagnet.rs

mandic.r@sbb.rs

² Assistant Professor, PhD, MD, Institute of Pathological Physiology,

Faculty of Medicine, University of Belgrade, Serbia

dragodj@med.bg.ac.rs

³ BsD, MD, Clinical Center of Serbia, Belgrade, Serbia

⁴ PhD, MD, Clinical Center Zvezdara, Belgrade, Serbia

⁵ MD, MADU Clinic, Belgrade, Serbia

⁶ MD, Clinical Center of Serbia, Belgrade, Serbia

Abstract. The human organism does not function solely on the basis of biological and biochemical cellular reactions, but humans are also electromagnetic beings. In cases of very slow healing, the complicated fractures were treated by MADU magnetotherapy with aim to improve the healing of the bone, as MADU field promotes and stimulate calcium ion impact in bone tissue, with very rich vascularization. The gap junction channels (GJs) are special informational system in bones, which connect not only osteocytes but also all smooth muscle cells in blood vessels of lavishly vascularized bone tissue. The molecular mechanism of electromagnetic field (EMF) and magnetic field (MF) affect metabolism of bone cells in the course of fields' interference with signal transduction processes, included in hormonal and transmitter, particularly, cytokine regulation of osteoblast function, especially their proliferation and differentiation. The MADU inhibition of IL-1 and TNF- α production disable multiplication of fibroblasts activated by them from a surrounding area, and thereby the replenishment of a defect. More rapid maturation of connective tissue is achieved by MADU, so that increase in osteoblasts activity and Ca²⁺ metabolism result in increase of minerals deposited into a bone matrix, not only at the surface, but also within a bone depth. In this way, through the use of MADU, restitution of perturbed normal control of MMP activation is supported by their bonds with TIMP-1 and TIMP-2 across IL-6 and *transforming growth factor beta* (TGF- β) which augment them, as well as across plasminogen using *plasminogen activator inhibitor-1* (PAI-1). If misbalance occurs to the advantage of activator, then stromelysin as enzyme may act destructively on its own substrates and within the process activates latent collagenases, and also decomposes protein's core of PG, and thus plasmin can affect plasminogen and activate latent MMP. TIMP-1 and TIMP-2 as well as PAI-1 may withhold cartilage deterioration together with synthesis increase of PG, collagen, non-collagen proteins and matrix components, whereas other cytokines, first of all, growth factors such as *insulin-like growth factor-1* (IGF-1), TGF- β , and *basic fibroblast growth factor* (bFGF), may secure cartilage reparation process, including *restitutio ad integrum*. It is interesting that relatively short-term load may stimulate matrix synthesis, whereas mechanic static load as well as prolonged cyclic load inhibits synthesis of proteins and PG. The study spanning the period from 2002 to 2011 performed on 174 patients, statistically examined 53 patients, male 26 and female 27, with the average age of 50.90 years. The time spent from when injury occurred until the beginning of MADU treatment was 6.82 years. The healing period with the formation of calus was from 2 to 8 months. The most frequent injuries were fracture of vertebra, fracture of femur, fracture of ankle and foot and fracture of humerus.

Keywords: magnetic field, MADU method, fracture healing, bone regeneration

OSTEONEOGENESIS BY MADU MAGNETOTHERAPY

Drago Djordjević,¹ Dušanka Mandić,² Jelena Popović,³ Slobodan Kažić,⁴ Dragan Cvetković⁵

¹ Assistant Professor, PhD, MD, Institute of Pathological Physiology,
Faculty of Medicine, University of Belgrade, Serbia
dragodj@med.bg.ac.rs

² PhD, MD, MADU Clinic, Belgrade, Serbia
www.madumagnet.rs
mandic.r@sbb.rs

³ MD, MADU Clinic, Belgrade, Serbia

⁴ PhD, MD, Clinical Center Zvezdara, Belgrade, Serbia

⁵ BsD, MD, Clinical Center of Serbia, Belgrade, Serbia

Abstract. The possibilities of regeneration of bone tissue through the use of static magnetic field (SMF) are great, especially when the SMF is oriented to North (N) magnetic pole face turned towards the skin. We used MADU strips (70-90 mT) and magnetophore (70-90 mT) for treatment of patients with bone fractures. The 55 patients with bone fractures were statistically examined. The average of fractures was 1.18 per person. The most frequent were the fractures of femur, humerus, spine vertebra and ankle. The average age of patients was 50.80 years. In the period from 2 to 8 months fractures were healed in 69.18% (t-test, $p < 0.001$). The healing result depends of the time spent from fracture to MADU treatment, as it varied from few days to more then 3 years. MADU probably acts by inhibition of proinflammatory and fibrous cytokines production, interleukin 1 (IL-1) and tumor necrosis factor (TNF) from osteoblasts, and cells similar to osteoblasts, that increase metabolic and thereby synthetic activity of healthy osteoblasts, and damaged cells' restitution as well as other types of cells, across stimulation of interleukin 2 (IL-2) production and other cytokines from normal human T-lymphocyte. Thereby osteoblasts across protein molecules signalize osteoclasts activity decrease, which leads to predomination of action factors which inhibit bone resorption over factors of bone resorption stimulation. From an aspect of SMF influence, it is important to point out that biological activity of OPG-L/ODF [osteoprotegerin ligand (OPG-L)/osteoclast differentiation factor (ODF)] is normally neutralized by binding to osteoprotegerin [OPG]/OCIF (osteoclastogenesis inhibitory factor), a member of TNF-receptor super-family, that is also secreted by osteoblast-line cells. It is possible to increase synthesis of OPG-L/ODF and OPG/OCIF by raising metabolic activity of osteoblasts by N pole of SMF, and acceleration in chemical reaction occurring between these two proteins with addition of energy, as well as by faster neutralization of their biological activity. Likewise, additional influence on OPG/OCIF, a member of TNF-receptor super-family, is possible by inhibition of synthesis and TNF production by N-pole of SMF. In this way, no matter how it affects these proteins, N-pole of SMF impedes binding of OPG-L/ODF [osteoclast differentiation and activation receptor (ODAR)/receptor activator of NF-kappa B (RANK)], to its receptor on osteoclasts, which made their biological activity impossible. The mechanism of the possible effects of MF/EMF (magnetic field/ electromagnetic field) is based on the influence of these fields on: (i) Ca^{2+} ion flux; (ii) nitric oxide synthase (NOS); (iii) NO oscillation dependent on Ca^{2+} and calmodulin. The research of the effects of SMF at various inductions of exposition of osteoblast calvary cells in culture have shown dose-dependent proliferation and growth of cells during the activation from static G1 phase to S phase, which increases synthesis of DNA and accelerates cell proliferation.

Keywords: static magnetic field, MADU strip, osteoneogenesis

RHEUMATOID ARTHRITIS TREATMENT BY MADU MAGNETOTHERAPY

Jelena Popović,¹ Dušanka Mandić,² Slobodan Kažić,³ Drago Djordjević⁴

¹ MD, MADU Clinic, Belgrade, Serbia

www.madumagnet.rs

mandic.r@sbb.rs

² PhD, MD, MADU Clinic, Belgrade, Serbia

³ PhD, MD, Clinical Center Zvezdara, Belgrade, Serbia

³ Assistant Professor, PhD, MD, Institute of Pathological Physiology,
Faculty of Medicine, University of Belgrade, Serbia

dragodj@med.bg.ac.rs

Abstract. MADU magnetotherapy is a relatively new form of treatment, based on exposure of diseased bone or joint to MADU magnetic strips, which create magnetic deep unipolar field (shortened MADU) with penetration of 55 cm into human body. It was approved by the Ministry of Health of Serbia in 2007. The therapeutic effects include antiinflammatory and analgetic effects of magnetic field, activation of enzymes (particularly metalloenzymes), activation of K/Na pump which promotes shifting of pH value of treated cartilage towards more basic levels which in turn promotes regeneration of chondrocytes and osteocytes. Considering characteristics of magnetic water, continuous stimulation by MADU achieved long-lasting effects in patients with degenerative disease like coxarthrosis and gonarthrosis. We performed the study to find out whether same method may help patients with rheumatoid arthritis as well. 50 patients (m 5, f 45) with rheumatoid arthritis underwent the examination. They were treated by the MADU method in the controlled time period (6 months - 7 years). Before the examination, they were treated by the usual medical therapy with the rehabilitation procedures (21±14 years) and continued with it during the MADU method. After the treatment, effects were estimated (a) subjectively - decrease in the subjective discomfort and (b) objectively - improvement of the mobility and comparative analysis of the Rtg (enlargement of the joint space, lessening the cysts changes in the bone and improvement of trabecular built), NMR or scanner, observing joint borders, joint space, cysts, osteofits, trabecular built, mobility. Improvement was achieved of 24 pts (48%), and the biggest functional improvement in the period of the first 12 months (the first and the second check-up) was shown in 18 pts (36%). Subjective improvement without evident Rtg changes in comparison to the first analysis, i.e. state has remained the same, achieved in 6 pts (12%). This can be considered as an aspect of improvement, because pathological process was stopped, and this was maintained in the next years – up to seven years. No side effects of MADU therapy have been noted. In conclusion, MADU method provides the state of renewed joint space in respect of cartilage and bone and their maintenance in patients with rheumatoid arthritis. The process of reparation of the joint space with all the following benefits regarding pain and function, recommends this new non-invasive method as supplementary, with full respect of all scientific and therapeutic methods.

Keywords: *system diseases, rheumatoid arthritis, regeneration, MADU method, magnetotherapy, long lasting effects, non-invasive method, cartilage*

EFFECTS AND MECHANISMS OF ANGIOGENESIS BY MADU MAGNETOTHERAPY

Drago Djordjević,¹ Dušanka Mandić,² Jelena Popović,³ Slobodan Kažić,⁴ Dragan Cvetković⁵

¹ Assistant Professor, PhD, MD, Institute of Pathological Physiology,
Faculty of Medicine, University of Belgrade, Serbia
dragodj@med.bg.ac.rs

² PhD, MD, MADU Clinic, Belgrade, Serbia
www.madumagnet.rs
mandic.r@sbb.rs

³ MD, MADU Clinic, Belgrade, Serbia

⁴ PhD, MD, Clinical Center Zvezdara, Belgrade, Serbia

⁵ BsD, MD, Clinical Center of Serbia, Belgrade, Serbia

Abstract. The MADU strip is based on Magnetic Deep Unipolar oriented static magnetic field (SMF), using possibilities of reflexogenic therapy on humans. The intensity of MADU strip is 10 to 15 times lower than level allowed by the WHO. Here we present case study of the effects and mechanisms of angiogenesis by MADU. The duration of the treatment was 2.5 years, while treatment frequency ranged from every 1 - 3 days to every 3 weeks, and later every 6 months. The outpatient male, 57 year old, suffering from dependent diabetes for 20 years, admitted with the gangrene of the foot dorsum (25 mm x 15 mm) and I, II, III and IV finger. The Doppler indexes were 0.00 and aortography showed occlusion of the arteries below iliac level. The vascular reconstructive surgery was not possible, so the high level amputation of the leg was indicated. The outpatient refused the amputation because his other leg (above the knee) had been already amputated 4 years ago. After the first treatment, outpatient had the night without pain, after 3 weeks the clinical improvement was evident, and after 3.5 months the process of epithelisation was terminated. After 2.5 years the clinical examination showed that leg was vital, with normal skin temperature and the outpatient could walk. The leg was saved due to developed microcirculation, oxygenation through new-formed small blood vessels successfully providing vitality of the leg. In conclusion, the applied MADU strips with the guaranteed optimal magnetic field intensity lasting for 10 years, is providing long lasting protective activity in the area of the diseased blood vessels and poor tissue nutrition. The initiation of regenerative processes is performed due to known pathophysiology mechanisms changing acid reaction into alkaline, providing regenerative processes. This medical device is environment-friendly, the method is non-invasive, complement to modern medical procedures. No side effects are noticed. The process of massive oxygenation is initiated and then the MADU strip is applied providing: vasodilatation; influence of ferromagnetics and paramagnetics; oxygenation; raising regional temperature; enzymes activation. The SMF has a positive effect on transforming growth factor beta 1 (TGF- β 1)] in the peripheral part of the walls of the blood vessels. This is very important for the mechanisms of action and effects of MADU. The MADU field has influence on vascular endothelial cells, increasing the tubular formation (fields density and length tubules) in the peripheral parts of their commencement of growth. The vascular endothelial growth factor (VEGF) has a significant role in that process. The magnetic force acting under the influence of SMF as a mechanical force, arose the signal transduction of platelet-endothelial cell adhesion molecule-1 [PECAM-1 (CD31)] in endothelial cells; PECAM-1 may perform mechanical signal transduction, especially through the positive regulation of aktin/endothelial nitric oxide synthase/nitric oxide (Akt/eNOS/NO) path, facilitating and promoting endothelial cell proliferation.

Keywords: static magnetic field, MADU strip, angio regeneration, vascularization

POSSIBILITIES OF NEURONEOGENESIS BY MADU MAGNETOTHERAPY

Drago Djordjević,¹ Dušanka Mandić,² Jelena Popović,³ Slobodan Kažić,⁴ Dragan Cvetković⁵

¹ Assistant Professor, PhD, MD, Institute of Pathological Physiology,
Faculty of Medicine, University of Belgrade, Serbia
dragodj@med.bg.ac.rs

² PhD, MD, MADU Clinic, Belgrade, Serbia
www.madumagnet.rs
mandic.r@sbb.rs

³ MD, MADU Clinic, Belgrade, Serbia

⁴ PhD, MD, Clinical Center Zvezdara, Belgrade, Serbia

⁵ BsD, MD, Clinical Center of Serbia, Belgrade, Serbia

Abstract. The MADU magnetotherapy belongs to noninvasive, additional and substitutional therapy, with applied static magnetic field (SMF) 10 to 15 times weaker than tested and approved levels prescribed by the WHO. One or more magnets, in the form of a strip, are placed on the surface of the body on reflexogenic zones (RZ) and focused like a magnetophore on reflexogenic points (RP), with the north face turned towards the skin [*North (N) pole or Negative pole (-)*]. The first observations of regenerative processes in sensitive and motoric function of injured nerves were detected from 1992 to 1998 while we treated wounded people by Trap for shell fragments. It was scientifically proven that medium SMF of 1-1000 mT has influence on the various biological systems, including morphology, differentiation and/or proliferation of many types of cells. The experimental research has shown that cell migration, measured by the cell's diffusion constant, depends on the exposition time and the kind of cells and does not depend on vertical or horizontal direction of applied SMF of 30-120 mT. In neural progenitor cells, cultivated under the SMF of 100 mT, exist significant increase of expression of mRNA for a few types of proneural gene activators, such as *Mash1*, *Math1* and *Math3*, together with decreased expression of mRNA for repressor type *Hes5*. The transitional increase of binding DNA nuclear transcription activation factor protein 1, formed from the members of *Fos* and *Jun* family in cultivated hippocampal neurons of the rats, was found. The rats were under the SMF influence of 100 mT during 15 min. The significant potentiation of Ca^{2+} influx mediated by N-methyl-D-aspartate (NMDA) receptors was shown, with decrease of expression microtubule-associated protein (MAP-2) neuronal marker through the expression *Ntan1* gene, which includes *ubiquitin-proteasome* proteolysis process, as so called N-end rule pathway in hippocampal neurons cultivated under SMF's influence of 100 mT but without cell death. It was detected that influence of SMF causes neuro reactions, confirmed at the maturation of non-matured cells in a culture of neurons of rat's hippocampus and achieved through the modulation of expression specially NMDA receptor's subunits. It was proven that neurite sprouting of chicken's embryonal ganglia is significantly increased in SMF of 22,5-90 mT. These discoveries give us a hope for the more efficient healing of many neurological and psychiatric disorders and diseases.

Keywords: static magnetic field, trap for shell fragments, MADU strip, neural regeneration

B. CONSCIOUSNESS-BASED HOLISTIC APPROACHES & TECHNIQUES

PLENARY SESSION B

PRAYER AND/OR PSYCHOTHERAPY

Vladeta Jerotić

¹ Academician, Serbian Academy of Sciences and Arts, Belgrade, Serbia

² Retired Professor, MD, Neuropsychiatrist, Orthodox Theology Faculty, University of Belgrade, Serbia

Abstract. Prayer is remaining a constant natural human need through centuries. Regarding psychotherapy, although all good physicians have also been good psychotherapists through centuries, it was developed as a distinct branch of psychiatry and psychology only in 20th century. In 21st century, there are numerous worth, less worth and worthless psychotherapeutic methods, at disposal of disordered psychical life of people. But, basically, both prayer and psychotherapy (as ways of self-knowing) are necessary for (both healthy and sick) people.

Keywords: *prayer, psychotherapy*

INTEGRATIVE ART PSYCHOTHERAPY

Snežana Milenković

¹ Professor, PhD Clinical psychologist, Department of Psychology,
Faculty of Philosophy, University of Novi Sad, Serbia

² EU Certified Psychotherapist, President & Founder, Serbian Society for Integrative Art Psychotherapy
nenam@eunet.rs

Abstract. During more than thirty years of the work as a psychologist, art psychotherapist and professor of Psychotherapy and Psychology of Art at the University of Novi Sad, the author has strived to find a theoretical position which would integrate the philosophical, psychological, scientific and verbal part of herself with the artistic, religious, intuitive, symbolic, non-verbal part. In this process, the author has weighed in positions of various schools of thought and their practitioners and finally found her own way of understanding and practicing psychotherapy in the form that she calls Integrative Art Psychotherapy. The presentation will consist of two parts: (i) the first part concerns the specific theoretic position of author's Integrative Art Psychotherapy; and (ii) the second part is dedicated to examples from author's practice and psychotherapeutic work.

Keywords: *Integrative Art Psychotherapy, art, creativity, image, authenticity*

BODY PSYCHOTHERAPY AND TE-PSYNTESIS

Ljiljana Klisic,^{1,2} Anja Djordjevic³

¹ Professor, PhD Medical psychologist, BA Clinical psychologist, European University, Belgrade, Serbia

² EU Certified Psychotherapist, President & Founder, Serbian Association for Body Psychotherapy

www.tepsyntesis.org.rs

eklisic@sezampro.rs

³ BA Adult education, Member, Serbian Association for Body Psychotherapy

Abstract. Body-Psychotherapy is a distinct branch of Psychotherapy, well within the main body of Psychotherapy, which has a holistic theoretical position. It involves a different and explicit theory of mind-body functioning which takes into account the complexity of the intersections and interactions between the body and the mind. The common underlying assumption is that the body is the whole person and there is a functional unity between mind and body. Directly or indirectly the body-psychotherapist works with the person as an essential embodiment of mental, emotional, social and spiritual life. He/she encourages both internal self-regulative processes and the accurate perception of external reality. Through his/her work, the body-psychotherapist makes it possible for alienated aspects of the person to become conscious, acknowledged and integrated parts of the self. In order to facilitate this transition from alienation to wholeness, the body-psychotherapist works with signs indicating vegetative flow in the organism, muscular hypertension and hypotension, energetic blockage, energetic integration, pulsation and stages of increasing and natural self regulative functioning. And the phenomena of psychodynamic processes of transference, counter- transference, projection, defensive regression, creative regression and various kinds of resistance. Almost one century ago Wilhelm Reich introduced work with self regulative processes and with cosmic superimposition. We are continuing his work here more than 3 decades, within TePsyntesis - Serbian Training School of Body Psychotherapy, founded by Prof. Dr. Ljiljana Klisic in 1976, in Belgrade, Serbia, ex-Yugoslavia. It has all characteristics of Body Psychotherapy schools, but TePsyntesis has also evolved from thirty years of research by Dr. Klisic into drives development and relationship between life force and consciousness, and it has trained more than 200 professionals. TePsyntesis offers also a new meta-theory of drives development: aggression and sexuality. In TePsyntesis we are studying and researching evolution of the basic human instinctual drives: (i) Instinct for self-preservation (aggression), (ii) Instinct for procreation of the species (sexuality). Only in unity of mind and body that opens up a suppressed spiritual dimension, we can approach the whole scope of evolution: (i) Evolution of primitive aggression and destruction towards mature power integrated with developed value system to non-dual power, (ii) Evolution of primitive sexuality towards Bliss and supreme Joy.

Keywords: *consciousness-based holistic approaches & techniques, Body-Psychotherapy, TePsyntesis*

HOLOTROPIC BREATHWORK

Irena Antolić

BA Psychotherapist, Holotropic breathwork facilitator, Summe Sensus d.o.o., Croatia

www.summesensus.com/holotropskodisanje

irena@summesensus.com

Abstract. The observations from the research of non-ordinary states of *consciousness* showed that the sources of emotional and psychosomatic disorders were not limited to traumatic memories from childhood and infancy, but that their roots reached much deeper into the psyche, into the *perinatal* and *transpersonal* region. The new map of the psyche that emerged out of this research (Grof 1975) added to the current model of the psyche two large transbiographical domains – the *perinatal* level, related to the memory of biological birth, and the *transpersonal* level, that, among others, includes the historical and *archetypal* domains of the collective unconscious and spiritual experiences. Grof developed a powerful therapeutic mechanism to operate on these deep levels of a psyche, named Holotropic Breathwork. This experiential approach to therapy radically changes basic concepts of psychotherapy, putting client's own inner healing wisdom 'in charge', and therapist just being facilitator of a client's process.

Keywords: *transpersonal psychology, Holotropic Breathwork, healing, holotropic experience, consciousness, non-ordinary states, perinatal, Basic Perinatal Matrices, transpersonal experiences, archetypal.*

PEAT AND ENERGETIC AND SPIRITUAL (PSYCHO)THERAPIES

Živorad Mihajlović Slavinski

BA, Clinical psychologists, International trainer in the area of personal development,

Founder, Spiritual Technology, Belgrade, Serbia

www.spiritual-technology.com

zmslavinski@gmail.com

Abstract. Energetic (Psycho)Therapies is a common term covering a group of new alternative (psycho) therapies created in the past two decades, which are also called Meridian (Psycho)Therapies. They are based on the common observation of majority of practitioners that psychological and emotional problems can be understood as manifestations of energy disruptions of energy configurations in the human energetic field. In essence, systems of Energy and Spiritual (Psycho)Therapies represent an application of the energy and Spiritual paradigm to the removal of psychological and emotional aberrations, diseases, and other maladies. The proponents of these therapies believe that the causes of these aberrations are disturbances in the energy field (or aura) of a human being, fundamentally manifested as energy structures, which naturally manifest themselves neurologically, biochemically, cognitively, behaviorally and spiritually. The introduction of the energy/spiritual paradigm into the fields of psychotherapy and represent a quantum leap in the understanding of these important areas, since it makes us look at them from an entirely different viewpoint. Psychological traumas, persistent phobias, allergies, post-traumatic stress and other psychosomatic disorders, are resolvable far faster if we approach them as if they were disturbances in energy and spiritual fields, than if we start searching for their historical causes – as was characteristically done in earlier times, beginning from the Freud psychoanalysis. Changing the structure of the energy and spiritual fields that are at the roots of problems is enough to create healing or a shift in the Spiritual Consciousness. In this paper we shall mention few main systems of Energy psychotherapy and our method of Primal Energy Activation and Transcendence (PEAT), an expansion of consciousness and spiritual maturity and development. The most important discovery, which we demonstrate in PEAT is that every human being has one pair of most fundamental polarities – his/her Primordial Polarities or his/her Personal Codes. Without their integration there can't be the true psychological, emotional and spiritual freedom.

Keywords: *energy (psycho)therapies, PEAT, spiritual psychotherapies, traumas, persistent phobias, allergies, post-traumatic stress, integration of Personal Codes, getting to void as the core of human being, raising up the levels of consciousness etc.*

YOGA AND EVOLUTION OF CONSCIOUSNESS

Dragan Lončar

Yoga Teacher, Director & Founder, Vidya Yoga School, Belgrade, Serbia

www.vidyayoga.net

srividya@eunet.rs

Abstract. In this lecture we will review ancient yoga teachings about the evolution of supreme consciousness. As a part of that consciousness, consciously or subconsciously we are heading towards the recognition and realization of our Real Self. Beforehand we have to realize various levels of our existence, from subtle to gross, rediscovering our real refuge: (1) Universal Consciousness as Sat Chit Ananda; (2) Awakening of the Logos; (3) Desire (Kama), as a wish to be many - primordial motivation force to create; (4) I-ness (Aham) and That-ness (Idam), as the fundamentals for each experience; (5) Cosmic memory (Samskara) as the Universal Matrix in the form of potential Cosmic point (Bindu), ready to create; (6) Levels of manifestation (Tattwas) within the Pure Undivided Universal Consciousness (Shuddha VidyaTattwas); (7) Instruments or sheaths (Kanchukas) of Illusion (Maya), that cause the Universal Consciousness to become the subject of differentiation as the separate entities as subject and object; (8) Time as the first cause of division of the Supreme Consciousness; (9) I-ness as subject (Purusha) and That-ness as an object (Prakriti) as the fundamentals of the Individual Soul (Jivaatma); (10) Antahkarana (Inner Instrument), as the vehicle of perception and recognition, and its constitutes; (11) Further division of the Supreme Consciousness through the Cosmic Elements (Tattwas); and (12) Tattwa or Bhutta Shuddhi yoga practice as the way back to our Source.

Keywords: *Sat Chit Ananda - Supreme Consciousness; Tatwas - elements of Existence; Aham and Idam - the two essential pillars which forms each and every experience; Samskaras - memories of the whole Universe; Atma - Cosmic Soul, and Jiva Atma - Individual Soul; Purusha(Sa) and Prakriti (Ham), as a two wings of the Cosmic Bird; Sa - Ham Universal Breath; Bhutta Shuddhi - practical method tracing the way back to our supreme source*

HEALTH AND EXPERIENCE OF HIGHER STATE OF CONSCIOUSNESS (UNIFIED FIELD)

Žarko Trišić

BSEE, Teacher of Transcendental Meditation (TM), Maharishi Ayurveda Consultant,
Director, Ayurveda Center, Belgrade, Serbia

ajurvedacentar@open.telekom.rs

www.ajurvedacentar.co.rs

Abstract. The identification of the unified field by modern physics is only the first glimpse of a new area of investigation that underlies all disciplines of knowledge, and which can be explored not only through objective science but through a new technology of consciousness (Transcendental Meditation, TM), based on capability of human mind to settle into a state of deep silence while remaining awake, and therein to experience a completely unified, simple, and unbounded state of awareness, called pure consciousness, which is quite distinct from our ordinary waking, sleeping or dreaming state of consciousness. This experience is not on the level of thinking, theoretical conjecture, or imagination, but on the level of direct experience. So, even though is a common belief that the unified field of physics is an objective reality of nature while consciousness is a subjective experience, and that the two belong therefore to different categories of existence (one is material another is mental and the two cannot be equated) – we see them as two different modes to approach same reality, unified field or pure consciousness. Each individual nervous system, when refined through practice of TM technique is an instrument through which Unified field becomes accessible for inquiry and investigation through direct experience. Thus, modern physics through its objective method of inquiry has glimpsed a unified field as underlying all of nature, source of order in nature, while by direct experiencing it via TM technique we get influence onto our physiology, which starts working in a more balanced and ordered way. So, we see that TM technique has an important practical application in the area of health. According to Ayurveda (traditional science of life and health) all sickness comes from imbalance. In terms of physiological functioning this means perfect integration and balance from the biochemical and molecular levels to the macroscopic, organismic level.

Keywords: *quantum medicine, holistic medicine, holistic health, consciousness based health, collective consciousness, individual consciousness, TM technique, Maharishi Ayurveda approach to health*

WESTERN MEDICINE AND TRADITIONAL HEALING

Igor Kononenko

Professor, PhD Computer Sci., Faculty of Computer and Information Science, University of Ljubljana, Slovenia

<http://lkm.fri.uni-lj.si/xaigor>

igor.kononenko@fri.uni-lj.si

Abstract. Western (official, allopathic, scientific, orthodox) medicine is based on science; traditional healing (alternative, complementary, energetic, holistic, traditional, spiritual medicine) is based on spirituality. Science is based on *materialism* and assumes that life appeared by chance. Spirituality is based on *vitalism* and is convinced that life has a deeper purpose. Therefore illness is considered by western medicine as useless and has to be destroyed, removed, repaired; on the other hand healing knows that illness has a purpose, a message to the patient and the patient has to accept the full responsibility for it, understand it and with deep transformation inside the need for the illness disappears. In last few decades there has been many scientific confirmations of the effectiveness of alternative medicine, especially acupuncture, homeopathy, bioresonance, yoga, meditation, and even praying (on distance). The latter studies excluded the suggestion (placebo) and were published in leading scientific medical journals. The result of these studies is that physicians can prescribe the patient, instead of tablets, that *a healer should pray for their health*. Western and complementary medicine should be joint into an *integrative medicine*. Physicians need to recall the spiritual viewpoint of human beings and the purpose of life. Humanity needs the connection (union) of science and spirituality: they complement and direct each other. As Albert Einstein (1940) said: *Science without faith is lame, religion without science is blind*.

Keywords: *science, spirituality, praying, complementary medicine, integrative medicine, purpose of life*

MAN AS A QUANTUM-WAVE PSYCHOSOMATIC SYSTEM

Grigori I. Brekhman

¹ Scientific Consultant, The Interdisciplinary Clinical Center, University of Haifa, Israel;

² Professor, Grand PhD, MD, State Medical Academy, Ivanovo, Russia

grigorib@013.net

Abstract. The author considers the Man from a position of the theory of *wave-particle* duality of a matter. It has opened existence in a nature of ways of interaction and information interchange between genes, cells, persons, about which we did not suspect or knew a little. The concept of duality has allowed understanding the riches of the information contained in the man that has enabled to consider him as a *psychosomatic system* and to explain some features of thinking and behaviour of the people, sources of their talents and problems, and also feature of functioning in a society and relations with each other. In the certain measure the concept of duality gives an explanation of reasons of diseases, and gives interpretation to methods of treatment, which (despite of the efficiency) ascribe to alternative and do not admit by official medicine. Author describes the uterine myoma as a psychosomatic process, manifesting itself in ischemic uterus disease. He substantiated and used the holistic approach and nonstandard method of psychoelectroregulation in these patients which gave the long-term results.

Keywords: *theory of duality, genes, wave genetics, memory of water, cellular memory, biofield, man as a psychosomatic system, uterine myoma, psychosomatic disease, psychoelectroregulation*

PRENATAL BASES OF DEVELOPMENT OF SPEECH AND LANGUAGE AND PRENATAL STIMULATION

Mirjana Sovilj

¹ Director, PhD Defectologist, Institute for Experimental Phonetics and Speech Pathology, Belgrade, Serbia

www.iefpg.org.rs

iefpgmir@gmail.com

² Life Activities Advancement Center, Belgrade, Serbia

www.add-for-life.com/index.html

Abstract. This chapter globally discusses development of hearing and bases of verbal communication in prenatal period as well as postnatally, in the early prelingual phase – period of vocalization. It includes Milakovic's scheme of programming prenatal child, and discusses results of both our and foreign researches so far. It also offers critical review of psychological and linguistic theories of child's development, since none of them analyzed very significant prenatal period of development. It also points out the significance of prenatal period and stimulation of prenatal child, not only for postnatal period, but also for the entire behaviour during life. Particular emphasis was given to the relation of congenital, inbred and acquired in the development of speech and language, which indicates the necessity of simultaneous integral perception of articulation and acoustic process in speech-language communication. The chapter emphasizes the significance of prenatal communication mother-child. It includes experiments which indicate that prenatal child not only hears, but listens to spoken language, moves in response to it, memorizes and learns. It indicates interconnections and correlations of listening and movements which are primary for speech-language development of a child, not only in relation to the process of listening to speech, but also the process of articulation and meaning. The chapter offers short survey of the effects of prenatal stimulation and suggested activity for providing adequate staff in this field, as well as the level of organization of care of prenatal child.

Keywords: *prenatal development, speech and language, psychophysiology, acoustic theory, articulation theory, development theory*

THE RECONNECTION – HEAL OTHERS, HEAL YOURSELF

Eric Pearl

President & Founder, The Reconnection

*Presented by Ronen Levy, Market Manager Europe,
Personal Assistant to Dr. Pearl*

www.TheReconnection.com

Abstract. Internationally recognized healer Dr. Eric Pearl has appeared on countless television programs in the US and around the world, spoken by invitation at the United Nations, been interviewed in various publications including The New York Times, and most recently featured in the film, The Living Matrix. As a doctor, Eric ran a highly successful chiropractic practice for 12 years until one day his patients began reporting that they felt his hands on them – even though he hadn’t physically touched them. Patients soon reported receiving miraculous healings from cancers, AIDS-related diseases, epilepsy, chronic fatigue syndrome, rheumatoid and osteoarthritis, birth disfigurements, cerebral palsy and other serious afflictions. All this occurred when Eric simply held his hands near them – and to this day, it continues. Based in Los Angeles, Eric and Reconnective Healing elicit great interest from top doctors and medical researchers at hospitals, colleges and universities worldwide. These include Jackson Memorial Hospital, UCLA, Cedars-Sinai Medical Center, the VA Hospital, Tel HaShomer (Tel Aviv), Quality of Life Research Center (Copenhagen), Memorial Hospital (Istanbul), University of Miami Medical School, Kent College of Osteopathy (UK), RMIT University (Melbourne), St. Petersburg State Technical University (St. Petersburg), The University of Oslo, and the University of Arizona. New research programs are presently underway at multiple facilities internationally under the guidance of such renowned research scientists as Gary Schwartz, PhD., William Tiller, PhD., Konstantin Korotkov, PhD. and others. Join Ronen Levy, Eric’s Personal Assistant who will provide you with insight into accessing this all-inclusive ‘new’ spectrum of healing comprised of energy, light and information known internationally as Reconnective Healing®. Bring a new level of healing and evolution to your friends, your loved ones... and yourself. Ronen will also provide demonstration of the work with attendees. The Reconnection brings in “new” axiatonal lines that reconnect us on a more powerful and evolved level than ever before. These lines are part of a timeless network of intelligence, a parallel-dimensional system that draws the basic energy for the renewal functions of the human body. This plenary talk will provide an introduction to how to bring in and activate these new lines, allowing for the exchange – beyond energy – of light and information, the reconnection of DNA strands and the reintegration of “strings” (simultaneous – or parallel – planes of existence). Find out what’s baffling the medical community. Discover why hospitals and universities around the world are investing time and money in an attempt to explain these healings, and how you, too, can master this extraordinary work!

Keywords: *The Reconnection, Reconnective Healing, practice, education, research*

QUANTUM-INFORMATIONAL MEDICINE: BRASILIAN EXPERIENCE

Wallace Carvalho Liimaa

BEEE, Director & Founder, Private Agency, Recife, Brasil

www.saudequantum.com

wallacepan@gmail.com

Abstract. In the pursuit of integral health, we have taken as a reference when we are happy, because happy person rarely get sick and even when it happens, his/her recovery tends to be faster. To this end, we encourage persons to take care of themselves at all levels: physical, emotional, mental and spiritual.

As we know that everything is energy and that all energy brings informational content, associated with the frequency, we seek guidance on the quality of food eaten (dense material), the quality of thoughts and emotions (subtle energy) associated with limiting beliefs and the spiritual dimension of the individual. Learn to use good energies associated with good frequencies is the aim. In the II Symposium On Quantum Health and Quality of Life, to be held in Brazil in September 2011, we will be providing health care from the perspective of a quantum informational model and for this will make use of various therapeutic techniques like acupuncture, homeopathy, flower therapy, EFT, NLP, Quantum touch, Reiki, frequencies of light, auriculo therapy with radionics crystals, aromatherapy, color therapy, herbal medicine, and harmonization of the environment with feng shui. Our intention is to provide for society a non-invasive health model capable of investigating the real cause of disease and able to empower individuals in order to learn to take better care of their health at all levels.

Keywords: *integral health, happy person rarely get sick, energy brings informational content, non-invasive health model, real cause of disease*

BIOENERGY, BIOFIELD, AURA: WHAT KIND OF ENERGY THEY ARE, AND WHETHER IT IS POSSIBLE TO MEASURE AND TO VISUALISE THEM

Ljubo M. Ristovski

¹ President & Founder, Association for Promotion of Bioenergetic Medicine "Biofield", Belgrade, Serbia

² Retired Professor, PhD Physicist, BS, Faculty of Pharmacy, University of Belgrade, Serbia
ristovski11000@yahoo.com

Abstract: There are a variety of doctrinal descriptions of the bioenergies and biofields in different AM systems, which are expressed in different terms and vocabularies, because their origins belong to the different culture traditions. This variety of doctrinal descriptions leads to the irreconcilable differences between the different AM systems, as well as between the majority of them and actual science. However, the supporters of some AM systems exert a trend to express the contents of their doctrines using the terms and vocabulary of actual science. In this way, they facilitate the beginning of a dialog with actual science, as well as the reaffirmation of many serious scientific investigations of the phenomena in alternative medicine, which are accomplished during last almost five decades on the periphery of the actual science. In the further, it will be considered the variations of AM doctrines which manifest an interest to establish a dialog with actual science by accepting the terms and vocabulary of actual science, independently on the manner by that the doctrine content is expressed. The main objective of this paper is to show that a small effort will help to achieve consensus on the terminology used in the AM doctrines with scientific terminology. This will help to terms with the same name means the same, although we cannot expect that it will obviously speed up the convergence of doctrine and scientific views about the AM phenomena. Nevertheless, this progress can be expected because the large difference is between felt and measured bioenergy, between seen and photographed. Therefore, the attention is devoted to experimental techniques that allow any type of detection or visualization of the *subtle entities* of alternative medicine (bienergy, biofield, aura). For reasons that will be later explained, particular attention will be devoted to the PIP (*Polycontrast Interference Photography*) imaging, which is the unique real time imaging technique. Certainly the most important result of the application of PIP imaging system is the visualization of the energy changes in the human aura, which may be due to bio-energetic, or any other AM therapeutic treatment. It should be noted that the PIP system provides information that enables qualitative analysis but not quantitative analysis of the bio-energetic phenomena. In addition, it is recommended as a diagnostic tool also. However this recommendation must be accepted very cautiously, as will be discussed later.

Keywords: *bioenergy, biofield, aura, absorption, emission, spectrum, electromagnetic, field, coherence, PIP, imaging*

REIKI AND SPIRITUALITY

Margarita Milenković,¹ Mirjana Mićović²

¹ Reiki Master Teacher, President & Founder, Association Reiki of Serbia

<http://www.reiki.rs/>

margarita@reiki.rs

² MD, Pediatrician, Reiki Master Teacher, PR Integrative Medicine,
Primary Healthcare Center Stari Grad, Belgrade, Serbia

<http://dzstarigrad.org/dom-zdravlja>

mirjana.micovic@gmail.com

Abstract. Reiki is an ancient spiritual-energetic method of healing, usually considered to be Japanese, and it is applied along with methods of modern medicine in health care institutions around the world. For many years now Reiki has been considered to be No 1 method of self-help in the world. Reiki primarily helps with reduction of stress, with relaxation, and is also used for mobilizing/activating all defense mechanisms in the human body. It improves the efficiency of all bodily functions, and allows us to reach a state of harmony between the physical, mental and emotional levels of our being. The highly developed, non-standard approach to Reiki allows everyone to acquire selected techniques and use them successfully for self-help, without having to attend traditional training classes, usually required for the Reiki method. Combining of Reiki techniques with acupuncture, with breathing and stretching exercises, as well as with mechanisms of the human reflexes and mental orientation, can allow everyone to find their own ways to prevent further development of various health problems, caused primarily by stress. The use of self-help to reduce stress, to relax, improve concentration and memory capacity, to improve one's mood in general and increase the energy potential of the body, is necessary and easily applied in everyday life. Association Reiki of Serbia is founded in 2001 and has several hundreds members, actively participating in continuously organized educations and seminars. In 2008 Reiki was formally acknowledged by Committee for Regulation of Traditional Medicine, in Serbian Ministry of Health, as a method of improving general health of people. By establishing these regulations it was officially enabled to introduce Reiki therapy into medical institutions in Serbia.

Keywords: *Reiki, energy-informational medicine, education, self-help, anti-stress, relaxation, wellbeing*

QUANTUM TRANSFORMATION

Sonja Simonovska

¹ Psychological counselor, Energy therapist, International trainer in the area of personal development,
Private Practice, Vienna, Austria

² Association of Doctors, Therapists and Counselors in the Health Sector, Vienna, Austria

³ Atman - Austrian Association for Integrative Breathing, Vienna, Austria

office@sonnenaufgang.co.at

www.sonnenaufgang.co.at

www.kvantna-transformacija.com

Abstract. Quantum Transformation is a practical application of the Two Points Method in the field of healing and life issues solving. Two Points Methods has its roots in the ancient Hawaiian spiritual technique of Huna, rediscovered independently by Dr. Richard Bartlet (Matrix Energetics) and Dr. Frank Kinslow (Quantum Entrainment), with a great contribution of Andrew Blake (QCT-Quantum Consciousness Transformation). Not only because it is easy, simple to use, and at the same time very effective, but also because of the possibility of combining it with other therapeutic and healing techniques, Two Points Method is spreading through Europe very quickly. When two distinct points on the body or aura get connected, Quantum waves are produced, initiating huge changes on all levels and in all areas of life. Quantum Waves initiation makes changes on a deepest level, altering our Matrix. The Matrix contains our deepest beliefs, in other words, fixed attitudes originated from individual consciousness and different life stages (the childhood, the prenatal period, the birth process, conception or inheritance - karma) and fixed attitudes derived from group or collective consciousness. Those subconscious beliefs are often opposed to our conscious beliefs and they are the main cause of our psychological and physical suffering, as well as many diseases. Faster transformation of subconscious beliefs can be achieved using Quantum Waves, which leads toward change of our reality. The essence of Quantum Transformation is pure consciousness. Pure consciousness is actually pure love. Quantum Transformation is a method that uses love energy for healing purposes. Quantum Transformation workshops, using quantum waves, meditation, music, movement and body work “teach us” through experience how to use the energy of love in healing and combining this method with other healing and energy based methods.

Keywords: *quantum transformation, two points method, quantum waves, quantum matrix, the matrix, the field, individual consciousness, group consciousness, collective consciousness, love, energy*

THE ABIKU PHENOMENON: SPIRITUAL ORIGIN AND TREATMENT OF SELF-DESTRUCTIVENESS

Mateja Tomšič

IFA priest, Spiritual orientator-consultant, Holographic shamanism therapist, NLP master practitioner,
Private Practices, Novo mesto, Slovenia; Zagreb, Croatia;
Egbe Orisha – Spiritual Society, Slovenia; Spiritual Healing Team, Zagreb, Croatia
www.akengen.si; www.orisa.si; www.spiritualno-isceljivanje.com
mtakengen@gmail.com

Abstract. The philosophy of Ifa with its origin in Africa, where it has been preserved to this very day by the people of Yoruba, contains the entire opus of understanding a human life, character, predestination, destiny and nature. One of the toughest challenges is how to treat (*heal*) someone, who is born with the energy of Abiku – born to die prematurely (*born to experience premature death*). Ifa considers the individual top priority, using all the knowledge and instruments it deals with making the individuals life good here and now, in this life. Everyone is born with some sort of predestination. It is not fate, because if something is fated, then the individual has no way of affecting that. But when something is predestinated, someone can realize that or not, because everyone is responsible for his own life. In life we have all that which we can call good luck: progress, longevity, health, luck... But good goes hand-in-hand with destructive energy, and if we wish to achieve the good, we have to neutralize the bad. We can classify destructive energy into four basic destructive elements: death, sickness, failure and confusion. When we consider a person who has the abiku syndrome, it means that these destructive energies are constantly stalking him and that he is under heavy influence in at least one area by some of these elements. When everything seems to go well, and suddenly it seems as if one of these energies got activated, and it gives out the impression of being out of the person's control. Spiritually it is considered for people with this energy, that they have been heavily involved in a parallel spiritual world. It is considered that they have their own group in the parallel world, which constantly pulls the person back or make his life here unbearable, and make him wish to leave from here sooner. This phenomenon is in Ifa treated with using the energy Egbe – the energy of a spiritual society, with which it is necessary to stop excessive embroidery, pacts and similar connections, so that someone could live a good life. A person with this energy is not treated as problematical, but is understood and treated to maintain the positive elements of this energy. In fact, almost everyone who has this energy present, probably has an exceptional talent and capabilities which he could, with the right treatment, develop better than other people. This preserved knowledge can contribute a lot in the process of education, as well as treating people. People with this syndrome often go to doctors, but that kind of treatment does not help, and in a different extreme situation someone with that energy can live through and recover when it is no longer expected.

Keywords: *African Yoruba tribal tradition, Abiku phenomenon, Ifa life, Egbe energy, self-destructive tendencies, spiritual source, spiritual treatment*

ENTHEOGENIC SHAMANISM: ANTHROPOLOGICAL CATEGORY, TRANSPERSONAL DIMENSION OR PSYCHOTHERAPEUTIC MODEL

Časlav Hadži Nikolić

Professor, PhD Etnopsychiatry, MD, High School of Electrical Engineering and Computing, Belgrade, Serbia
caslawnikolic@yahoo.com

Abstract. The most significant dimension of entheogenic shamanistic ritual, being an essence of therapeutic practice in isolated groups of Amazonia, is that dimension which touches universal themes, from person's identity to its place in cosmic scheme. This experience is described as transcending borders of empirical reality, coming out the framework of profane existence and entering into realm of cosmic existence and meeting with most supreme principle. In psychology literature it is frequently called transpersonal experience, as being denoted a mystical experience in religious terminology. The question arises on characteristics of this experience (if it exists) in the framework of shamanistic concept, as according to many experts on shamanism it does not have this (mystical) component being exclusively oriented to practical purposes of healing. According to shamanistic practice in observed groups, these categories are not excluded mutually. On the contrary, they are complementary, with mystical or transpersonal experience in direct function of healing, if this healing is comprehended in the context of shamanistic concept of disease. As in this mystical experience a person is continuously returning back to his mystical trans-subjective roots and beginnings, a shamanistic return into myth past with myth scenes and symbols achieving significant relationship between a person and universe is completely reasonable. This transition from "here and now" into "there and then" means experience of transcending space and time limitations, i.e. coming out from narrow profane human framework and entering into realm of transpersonal experiences. In this context a shamanistic "road" which basically is searching for absolute, undoubtedly does have elements of mystical. Mystical, however, does not exclude practical goals of this road. On the contrary, mystical or let us call it transpersonal or integrative experience, is *complementary* in respect to these goals. In other words, this experience is in direct function of shamanistic action, in first place of healing.

Keywords: *entheogenic shamanism, anthropology category, psychotherapeutic model, transpersonal dimension, transpersonal healing, mystical experience*

QUANTUM-HOLOGRAPHIC ENERGY SYSTEM & RESONANCE BIOFEEDBACK*

Bjørn J Øverbye

PhD, MD, Therap. Acupuncture, Magnetotherapy, Energy medicine,
Arendal Helsesenter, Arendal, Norway
bjorn@dr-overbye.no

Abstract. According to the recent theory by professor Dejan Raković, the human mind-body system is constructed in such a manner as to produce vibratory electromagnetic energy patterns that add up to a holographic field that can be described by quantum mechanical formalism. This is also in accord with practical experience of the author who for 10 years has used electro-acupuncture and resonance-biofeedback to diagnose and treat diseases. Our technical equipment shows us that the information system of the human body is arranged as a hierarchical holographic system that is reflected in the electrical activity of the meridians and in frequency patterns in organs and tissues. This paper investigates an important aspect of the quantum holographic information system: the self-regulatory, quantum level, vibratory signals-system known as the meridians. It also investigates their fractal nature known as the ECIWO principle (Embryo Contained in the Whole Organism). The quantum nature of the system is reflected in the fact that the human bio-energy system reacts to ultra weak energies either taken from the body itself that are weaker than the -120dB noise-level of our technical equipment; and from radiation from substances and homoeopathic dilutions!

Keywords: *quantum-holographic body-mind energy system, ECIWO, resonance biofeedback, energy medicine*

* *In absence*

QUANTUM EVALUATION OF NOOSPHERE-ECOLOGY PARAMETERS^{*}

Konstantin G. Korotkov

¹Professor, PhD Physicist, St Petersburg State University of Information Technologies, Mechanics and Optics, Russia

²President & Founder, International Union for Medical and Applied Bioelectrography

korotkov2000@gmail.com

www.korotkov.org

“All the history of technique demonstrates how humans gradually learned to see the source of natural power in environmental subjects being considered as inanimate, inert and non-necessary. We witness and participate in the creation in biosphere of a new geological factor, not existing before. Creation of the noosphere from the biosphere is a natural event, more deep and powerful than all the human history.”

V. Vernadsky

Abstract. For more than 70 years that passed from the writing of above lines scientists of many countries have been trying to develop approaches for measuring the noosphere parameters. Researches have proven that these parameters are being determined not just by the properties of the local environment, but by the Cosmo-physical factors, as well as by the influence of human consciousness, both individual and collective. Insights by philosophers of the school of “Russian Cosmism”, and first of all by N. Fedorov, N. Berdjaev, K. Tsiolkovsky, revolutionary works by A. Chigevsky, L. Gumilev and S. Shnol, have created the conceptual and practical basis for the ideas of V. Vernadsky. It is now time for the experimental study of the noosphere processes. The very first testing of the “5th Element” instrument demonstrated the effectiveness of the selected approach. Field testing at the Far North of Russia, in Venezuela, Colombia and England demonstrated that the instrument is sensitive to the change of environmental parameters. Results allowed to start a new scientific line of the instrumental investigation of geoactive zones. In this field, the cultural aspect of the problem is of particular interest. The idea that from the ancient times historical monuments have been correlated with the “places of power”, areas having some specific geophysical properties, specific influence to the human condition, has been experimentally approved. The perspectives of this study are exciting for everybody interested in the spiritual history of humankind. We may define a whole new international research line: development of the maps of energy parameters of sacral subjects (places) and the program of study of their influence to the human psycho-physiological condition, in relation with the environmental situation, health and psychological type of people. This type of research may be a public domain, contrary to the archeological excavations, they do not need any official allowance, and results may be exchanged and published through the Internet. This approach opens up a broad field of activity. Not just sun-bathing at the beach or wandering around with photo camera, but participating in the international project on the development of Geoactive Zones Database. The only condition for this is the ability to operate an EPI/GDV Camera. We need to pay attention to the fact that for getting adequate results one needs to follow a well-defined protocol of measurements. This protocol was developed by D. Orlov for different applications. Together with the “Adis-Group” company we began developing a complex instrument for the evaluation of environmental conditions. It would allow measuring the main ecological parameters: high-frequency electromagnetic fields, background radiation, low frequency magnetic fields, negative gases, and the level of energy. Based on measurements an ecological profile map of the territory, house or an apartment would be created. This would allow to choose an optimal living place and, in particular, position for a bedroom. Special corrective techniques would allow changing the present situation to the positive side in many cases. A surprising aspect of the “5th Element” application was the ability of distant registration of both individual and collective emotional excitations. This effect was first revealed in 2007 by measuring a distant influence to water. Later it was found that antenna sensor has the appropriate sensitivity as well. The latest modifications of this sensor have significantly increased its sensitivity. The experiments allowed recording of both the individual and the collective emotional excitations. A lot of experimental data should be collected to make results presentable and publishable. Measurements may be done in a theater, concert hall, church or lecture auditorium. It is interesting to take measurements even during a sport event. But for one single group it is difficult having many different experiments, we need the collective efforts of researches from different countries. The advantage of this approach is that any researcher operating with EPI/GDV Camera may take part in the research. In this part we present papers on different applications of the “5th Element” instrument. We invite all the researches of the GDV family to join this interesting and important research line.

Keywords: *noosphere-ecology parameters, quantum evaluation, local & distant measurements consciousness, emotions, remote detection, collective emotions, collective consciousness, Electrophotonic Imaging, Gas Discharge Visualization (GDV) technique.*

** In absence*

ORAL SESSION B

INTERGRATIVE MEDICINE

Dušica Nešić

MD, Certif. Acupuncture & Information medicine,
Private Medical Practice, Belgrade, Serbia
dgojgic@gmail.com

Abstract. Integrative medicine helps to understand nature of man's energy. Medicine is currently in a paradox, on one side there is an increasing amount of apparatuses, which are increasingly close to perfection, but on the other hand it is also increasingly difficult to diagnose and even harder to treat the patient. Curing a patient means *permanent curing* in case of acute or infective disease, or *cure and maintain* in case of chronic diseases. The main mistake of western medicine is one-sidedness and a mechanistic approach. One-sidedness is shown in seeing a man only as his physical body within the boundaries of Newton's physics. Mechanistic approach is shown in diagnosing and treating the organ which shows symptoms, without, or with very little view on the problem as a whole, or the real reason of the disease. That is why a combination of eastern view on a man and some western diagnosing and therapeutic methods of rationalization and efficiency is needed. Integrative medicine was made as an expression of those tendencies in merging both concepts of healing. That means that the doctor of integrative medicine sees a man as a system of physical, emotional and spiritual values, in synergy with his environment as an important factor of both sickness, and healing. In integrative medicine a lot of effort is given in positioning consciousness of the therapist (doctor). "Left brain" helps us to see a problem rationally, but doesn't give us a clear view of the source of the disease, or the right way of treating it. By working on the "Right brain" and developing senses one can determine a correct diagnosis and a timely therapy. An important element of this medicine is *identity*. Each person has his own identity, but each organ has one as well. So, each of our cells needs to know it belongs to us, but at the same time, it must have the knowledge of belonging to a tissue, and an organ. *Losing any of those identities leads into disease*. So, at the beginning the doctor *must* be in "his own identity" so he could correctly diagnose and determine the ideal scheme of patient, while being conscious of the energetic imbalance. A positioned consciousness of the doctor/therapist minimizes the possible mistake in diagnosing the energetic level of patient's imbalance. The term *identity* is actually programming our cells, and can be mistakenly imbalanced for a longer or shorter period of time. The first task is to return the patient into his own identity, and then to establish a normal transfer of energy through the energetic centers, their belonging organs, and by doing that, return to normal the function of cells and organs. The basis of our physical body is made out of 7 energetic centers, and 5 elements. Each center has its own color and quality of action, which can be positive or negative. For example: Orange color includes the solar plexus with its organs – liver, stomach, spleen, pancreas, adrenal gland and spinal vertebrae Th6 to Th12, and the quality of this center and color are: Courage, motivation, conceptual creativity and organization. Negative qualities are laziness and self-esteem problems. Knowing this, if someone has stomach problems, we shall connect that with unaccomplished creativity in life, and we'll know that this is the essential problem of the patient. The 5 elements are Ether, Fire, Air, Water and Earth, and they are all connected to our senses. Ether with touch, fire with sight, water with hearing, air with smell, and earth with taste. Also, in an energetic sense, we shall take care of 12 even and 2 odd energetic acupuncture meridians with which we test the balance of Yin and Yang. All of this a therapist tests using therapist's tubes and heart rate or muscle tests. I will attempt to demonstrate the diagnostics and the healing process using two real life examples. Micro-nutrients are used in therapy – herbal, mineral and vitamin supplements which are in micro-granulated doses level 1c to 3c (homeopathic doses which show that there still is material cure in the dilution). Each of these supplements is micro-food for cells, and as such is completely harmless. These micro-nutrients are also tested with therapist's tubes to determine what exactly the patient needs. That is how cure, or a combination of cures is determined to restore patients shaken identity. An addition to this method is the so-called nutritional acupuncture which uses a combination of 3 to 5 acu points to open each centre and element. The patients in the case studies are of different genders, they have different causes of the diseases and of course, different symptoms. The duration of disease is over 20 years in each patient. From those case studies, I will show that some of the symptoms were lost during the very first therapy.

Keywords: *integrative medicine, holistic remarks, diagnostics and healing*

RECONNECTION – ON THE EXAMPLE OF HASTENED HEALING OF BONE FRACTURE AND RUPTURED MUSCLES

Dušica Nešić

MD, Certif. Acupuncture & Information medicine,
Private Medical Practice, Belgrade, Serbia
dgojgic@gmail.com

Abstract. Reconnection re-connects broken axiatonal and axial lines in the quantum field. These lines are the extensions of the acupuncture channels, and are used to power the body at the atomic level. Unlike previous healing energies that arrived to earth and touched-shined only a few individuals, or a group of people, lately through Reconnection we witnessed that anyone can feel, but also work with this healing technique. These energetic manifestations act in a way completely opposite to electromagnetic waves. They increase their strength with distance, and have highly personalized manifestations: eyes flickering, swallowing, sighing, borborygm, crying, laughing, sleeping, or moving limbs, fingers or head. What was different and interesting was that Reconnective energy was also transmitted to anyone who is in contact with the book that speaks of Reconnection, or watches a TV show about this form of energetic healing. So the new concept is that anyone can use it to heal himself or others around him. Reconnective healing can be harmlessly used on all patients, and has no counter-indications, except our prejudices, misconceptions and fears. In this paper we present three case studies of hastened healing of bone fracture and ruptured muscles upon reconnection healing, which display a few characteristic cases out of several hundreds of patients cured. Based on that, we could say that reconnection is the perfect addition to the regular medical therapy, and is sometimes an essential factor of psychical balance and faith in healing, and is oftentimes the only therapy that can be performed.

Keywords: *Reconnective healing, energy healing, bone fractures, muscle damages*

BIOLOGICAL DECODING

Angela Frauenkron-Hoffmann,¹ Dragana Portić²

¹ Dipl. Kinesitherapist, Bio-decoding therapist, Illuminare, Troisvierges, Luxembourg
www.biologisches-dekodieren.de

² BA Socialtherapist, Bio-decoding therapist, Human Activities Development Centre, Belgrade, Serbia
dadica@web.de

Abstract. Sometimes in past, it has been thought that physical and psychical changes or illness is a result of damnation, or evil faith which affects us from external illness causes. Today we have a rather different view on that particular problem. With latest scientific discoveries it has been proven that sickness is a direct response on *stressful situations*, which in that given moment can't be processed on mental or emotional level. We do not become ill by coincidence, illness always has a direct link with things going on in our life. If it comes to resolving the problem, we do not get ill, if not, it becomes biological stress (stress of direct life endangerment) which can be an illness generator apropos symptom on physical level. Illness or dysfunction of organism is influenced by very precise biological laws. Two-phased progression of every illness can be traced (Dr. Hamer): symphaticotony and vagothony. This knowledge serves us in apprising direct course of illness (why this illness and not any other one), as it shows a logical flow on emotional, mental and physical level. Our behavioural patterns have crucial part in shaping our way of responding on stressful situation (just that and not any other way). When in stressful situation, our brain begins searching for every kind of data, information and programs which could bring to its solution. In that moment brain chooses the best possible reaction, and influenced by experience - best behavioural pattern, having only one aim and that is to empower further existence. Our brain memorises primarily three types of data which it uses in stressful situations (*Useful Biological Program*): (i) all experiences and circumstances since birth to this very moment, followed by emotions and perceptions; (ii) all that we have experienced before we were born, since the moment of conception, even our moment of birth are completely integrated in our system; (iii) everything that our ancestors have experienced is also available to our brain. *Decoding* can be established by endeavouring toward two directions. First course is establishing and explaining crucial cause of stressful situation, therefore it is of at most importance to take precautions against objective circumstances being the trigger for genesis of a disease, but emotional feeling of the individual itself, so as which behavioural pattern will occur in certain stressful situation (different person react differently on the same kind of stress). Second course is releasing old behavioural patterns and gaining new mental pictures which awake new emotions annulling the old ones at the same time. Images from the past are always the cause of our illness. If we could manage to transform our mental images and to them related emotions, we could live healthier in future. Often just the realisation that there is a *choice* is enough: Stay devoted to old pattern (which in some cases can represent death) or establish new ones. We are not able to become new people, but we can learn how to control old mechanisms which made are ill in the first place!

Keywords: *causing stress situation, illness, emotion, Useful Biological Programs, decoding, choice*

INTEGRATIVE APPROACH TO TREATMENT OF STATE OF PANIC: CASE STUDY

Olga Vulićević

Prim. MD, Pediatrician, Allergologist, Neurologist, Psychiatrist of developing age,
BSc Homeopath, Certif. Quantum-informational medicine,
Private Medical Practice, Belgrade, Serbia
ljvulic@open.telekom.rs

Abstract. The personality that gets states of panic (SPs), has repeated situation of dependency and excessive protection by parents, now in a partnership or other relationship, accompanied by agoraphobia, which kept the psychological dependence and realized gains. In the clinical picture there are physical symptoms - palpitations and heart palpitations, pain in the left breast, dyspnea, syncope, and from psychological symptoms sense of imminent death, depersonalization, derealization and hypochondria. The aim of this case study is to depict therapeutic possibilities of medicament, psychotherapy, and homeopathic approaches to treatment of SPs. Archeology student AV was treated from SPs at the year of 22 and in period from 26 to 29 years of life at the Institute of Mental Health with benzodiazepines anxiolytics, without much success. When she came to psychotherapy, at the time she lived with her parents, she was unemployed, with a very poor communication with family members and friends, frequent SPs and the fear of going out. She specifies numerous disappointments, disagreements, failures, financial losses, suspicions and physical punishments by parents as reasons for her great jealousy toward younger sister, her change of motives, bad results at school, leaving studies and leaving home, though without means of subsistence. Several failed relationships with married men, an unwanted pregnancy, gynecological and other health problems led to a fear of marriage. Once the pride of her parents, favorite, talented for music and painting, gradually leaves and loses in everything. Psychological findings indicate considerable neurosis with anxiety, depression, cardiovascular and obsessive tendencies, as well as the reaction of inhibition to stimuli (asthenia). Starting from the fact that she felt unwanted and unloved, she increasingly accuses her parents for the weaknesses of her personality and fear of risk, her withdrawals and uncertainty in sensual connections. Through ten-year of treatment she gets to insights into her needs, accepting responsibility for her relationships, she continues her education that enables her to find a creative job and establishes good communication with the environment. For all the time she had only two SPs, achieved business affirmation, but not emotional. She accepts homeopathic medicine Ars.alb.30CH and experiences a revelation. Firstly, through the antidepressant and sedative effect, and then through the experiencing of repressed feelings and creating a significant insight. She establishes excellent relationships within the family, gets a better job, learns Reiki and claims that homeopathy has changed her life because she is emotionally more realistic. In conclusion, pharmacological therapy of neurotic and panic conditions is not enough, and without psychotherapy there will not be growth of personality. Homeopathy makes it possible to achieve a fine vegetative balance of personality that gives it authenticity and fullness of self-realization.

Keywords: *state of panic, integrative treatment*

THE EARLIEST HOLISTIC HEALING TREATMENT OF NEWBORNS: METHOD BY DR VUCICEVIC

Jelena Jovanović

MSc, MD, Paediatrician, Primary Healthcare Center "Zvezdara", Belgrade, Serbia
leonardodavinci98@gmail.com

Abstract. Bio-informational system in newborns has a fresh holographic record of the Universe. It also has the highest number of brain cells ever in life with huge potential to make new synapses every second. Any damage of cells that occurs either on organic, metabolic or energetic level can be redefined, improved or restituted. In a special neurological pediatric examination – Method by dr Vucicevic – the idea is to make a special contact between doctors and baby's brain by bringing baby into initial conditions, very similar to those in a womb. We are using a manual, mind supported procedure by taking baby in doctors hands, suggesting the group of 4 acts that remind baby to 4 familiar high-potential-energetic information: (1) umbilical cord, (2) cross, (3) spiral, and (4) sustained-moving-changing-trends. The procedure is demonstrated in the way of carrying baby, supported with words of demand, encouragement, explanation, having in mind that baby understands this information. All the senses are stimulated simultaneously (and that is the way to activate the brain) combined with the overflow of information between two bio-informational systems, and emotional communication. Further examination resembles to standard neurological pediatric examination procedure, but the idea and the results are completely different. Instead of performing so called "primitive reflexes" everything is moved to the level of communication between two living beings with cognition and consciousness-based holistic approach, opening the morphogenetic field. Doctor and baby are active participants in examination. They are communicating on many levels, helping each other to repair the injuries. Dr Vucicevic named it "Talk with a baby". In fact, neurological reflexes are not primitive. They are meaningful, purposeful, already written in baby's brain, in each cell, in complete bio-field, at all energetic levels. They are parts of functions crucial for living on Earth (escape, defense, swimming, crawling, and walking). Doctor is stimulating baby to act by supporting it and putting it in constant movement, helping the baby's immature pluripotent brain to "Recall" (remember) the action by using words, creative visualization, love, emotions and power of his matured brain, already adapted to living on Earth functions. He is not a passive spectator, but a real healer in this act. The entire examination is the communication between two brains, followed by overflow of information that activate morphogenetic field, rearranges the injured area in brain, and we can see renewed action ability. The method is a real healing treatment. It is ideal for each newborn, but necessary for those with brain injuries. Decades of experience, 40 years of Dr Vucicevic's and 15 years of mine proved our method to be more than effective in practice. Our broad documentation shows many examples of children with miracle results achieved by our method, which came to us with hopeless prognoses supported by official documentation obtained in eminent medical institutions. Also, the method is ideal for early estimation and improvement of cognitive functions. The healthy children are our aim, and future, and holographic approach enables it the most appropriate way.

Keywords: *pediatric inspection, holistic approach, brain healing, return to initial conditions-womb, consciousness-based communication, restoration of holographic record, "purposeful" neural reflexes estimation, morphogenetic field*

THERMOVISUAL MONITORING OF YOGA NIDRA PRACTICE

Dubravka Nikolovski,¹ Zoran Stević²

¹ Prim, MSc, MD, Institute of Public Health Pancevo, Serbia
nduca@beotel.rs

² Associate Professor, PhD Electrical Engineering, BEEE,
Technical Faculty in Bor, University of Belgrade, Serbia
zstevic@tfbor.ac.rs

Abstract. *Yoga nidra* is a state of sleepless sleep where one is on the borderline between sleep and wakefulness. During this practice occur physiological changes in the body such as: deep breathing and reduction in the oxygen requirements of the body as a consequence of the reduced metabolic rate; both systolic and diastolic is reduced, as well as the heartbeat; there is a dampening down of the sympathetic activities of the body and the lactate level in the blood. Some research shows also a skin temperature changes during suggested heat in hypnosis. The aim of our experiment was to measure the skin temperature changes during *yoga nidra* practice. Methodology: The digital thermovisual camera Wohler IK 21 and SnapView Pro v.2.1. software package were used to measure the changes of maximal skin temperature at the acupuncture *Yintang* zone of one experienced yoga practitioner. Results show the temperature changes only when the practitioner practices *yoga nidra*, but smaller oscillations in sleep state, as well as changes in accordance with subject of instructions. We conclude that increase of the temperature at the end of practice could explain the better circulation and some benefits of this relaxation technique.

Keywords: *yoga nidra, thermography, thermal imaging, skin temperature, relaxation*

IMPORTANCE OF PRANAYAMA

Duška Milićević

MD, Military Medical Center Karaburma, Center of Military Medical Institutions in Belgrade, Serbia
drdusicamilicevic@gmail.com

Abstract. The paper points out that most of the human population are unaware of breathing. Breathing is one of the most important vital functions, taking place under the control of the autonomous nervous system. Pranayama is one of the most important parts of Yoga. Pranayama involves special breathing energy exercises that create in the body and soul of man the status of balance, confident energy and calm relaxation. Pranayama is the fastest way of replenishing energy and boosting energy levels. In 5,000-year-long history of pranayama, the breathing exercises have not changed, and today they are performed in the same manner as they used to be practiced in ancient times. In addition, these exercises are very simple, and people of all ages may feel the changes even after the first exercise. Pranayama practice affects primarily the center for respiration rate, and, through a series of biochemical processes, also promotes the well-being of the entire organism. Pranayama effects can be considered from several aspects. From the medical point of view, it influences the physical body balance and health. And from spiritual and psychological standpoint, it promotes psychological stability and spiritual development and creates a path to self-realization. And the third aspect means that the results can be seen also at the energy level, which is actually the real essence of pranayama.

Keywords: *breathing awareness, pranayama techniques, manner of practicing and safe practicing, pranayama effects, application in Western medicine and physical rehabilitation*

SKIN CONDUCTANCE PSYCHO-PHYSIOLOGICAL CORRELATES OF NOVEL HOLISTIC TRANSPERSONAL DIAGNOSTICS AND HEALING

Biljana Bedričić,¹ Miodrag Stokić,¹ Zorana Milosavljević,¹ Dragan Milovanović,^{1,2}
Dejan Raković,^{1,3} Mirjana Sovilj,^{1,4} Slavica Maksimović^{1,4}

¹Life Activities Advancement Center, Belgrade, Serbia
www.add-for-life.com/index.html
bbedricic@gmail.com

²Megatrend University, Belgrade, Serbia
m_dragan@beotel.rs

³University of Belgrade, Faculty of Electrical Engineering, Belgrade, Serbia
www.dejanrakovicfund.org
rakovicd@etf.rs

⁴Institute for Experimental Phonetics and Speech Pathology, Belgrade, Serbia
www.iefpg.org.rs
iefpgmir@eunet.rs

Abstract. The subject of this paper are biofeedback skin conductance (SC) psycho-physiological correlates of novel transpersonal diagnostics and healing, applied to 9 volunteers with more or less significant psychosomatic problems, at the beginning and during next few months consecutively, in order to make control of extended effects of the treatments. SC was measured in order to get data about autonomic nervous system excitability during process of healing. The obtained pilot results might be interpreted in terms of non-verbal holistic transpersonal psychosomatic communication, revealing holistic interaction of acupuncture system/consciousness (of healer) and vegetative nervous system (of volunteers).

Keywords: *transpersonal diagnostics and healing, non-verbal holistic psychosomatic communication, psycho-physiological correlates, biofeedback skin conductance measurements*

EEG PSYCHO-PHYSIOLOGICAL CORRELATES OF NOVEL HOLISTIC TRANSPERSONAL DIAGNOSTICS AND HEALING

Biljana Bedričić,¹ Miodrag Stokić,¹ Zorana Milosavljević,¹ Mirko Ostojić,¹ Dragan Milovanović,^{1,2}
Dejan Raković,^{1,3} Mirjana Sovilj,^{1,4} Slavica Maksimović^{1,4}

¹Life Activities Advancement Center, Belgrade, Serbia
www.add-for-life.com/index.html
bbedricic@gmail.com

²Megatrend University, Belgrade, Serbia
m_dragan@beotel.rs

³University of Belgrade, Faculty of Electrical Engineering, Belgrade, Serbia
www.dejanrakovicfund.org
rakovicd@etf.rs

⁴Institute for Experimental Phonetics and Speech Pathology, Belgrade, Serbia
www.iefpg.org.rs
iefpgmir@eunet.rs

Abstract. The subject of this paper are EEG psycho-physiological correlates of novel transpersonal diagnostics and healing, applied to 30 volunteers with more or less significant psychosomatic problems, at the beginning and during next few months consecutively, in order to make control of extended effects of the treatments. EEG was measured in order to get data about central nervous system excitability during process of healing. Also, a health state questionnaire is organized in order to collect data about how participants perceive different areas of their well being. The obtained pilot results might be interpreted in terms of non-verbal holistic transpersonal psychosomatic communication, revealing holistic interaction of acupuncture system/consciousness (of healer) and central nervous system (of volunteers).

Keywords: *transpersonal diagnostics and healing, non-verbal holistic psychosomatic communication, psycho-physiological correlates, EEG measurements, health state questionnaire*

CONTRIBUTION OF ANOMALOUS INTENSITIES OF ELECTROMAGNETIC AND MAGNETIC (EM-M) FIELDS IN ETIOPATOGENESIS OF MENTAL DISORDERS AND DISEASES

Nikola Trifunović,¹ Dragan Jevdić,² Aleksandar Jevdić,³ Katarina Jevdić³

¹ MSc, BS, Retired Geophysicist, Geoinstitute, Grocka, Serbia
ntrifunovic41@yahoo.com

² PhD, MD, Retired Neuropsychiatrist, Special Hospital for Psychiatric Diseases, Vršac, Serbia
jevdic@hemo.net

³ MD, Private Medical Practice "Life", Belgrade, Serbia
www.lifeordinacija.rs

Abstract. The aim of this paper is to consider contribution of anomalous intensities of electromagnetic and magnetic fields in etiopatogenesis of mental disorders and diseases. This research has been applying in past 20 years, with objective geophysical evaluation by proton magnetometer produced in USA and geological compass "Brunton". In this period we have examined a couple of hundreds patients with different type of mental disorders (sy anx-depressivum, depression, schizophrenia) both sex and all ages. We applied BPRS scale for sy anx-depressivum, Hamilton scale for depression, and PANSS scale for schizophrenia. Hereby we present several case studies. Results are excellent after the patients spent time in spaces with natural values of EM-M fields. During examination patients were receiving regular medicine (pharmacotherapy). Finally, we will present theoretical model for influence of geomagnetic field and cosmic radiation on the biological evolution.

Keywords: *electromagnetic and magnetic fields, anomalous intensities, mental disorders and diseases, etiopatogenesis*

CONTRIBUTION OF ANOMALOUS INCREASE OF MAGNETIC FIELD IN ETIOPATOGENESIS OF CARDIAC-VASCULAR DISEASES

Nikola Trifunović,¹ Dragan Jevdić,² Aleksandar Jevdić,³ Katarina Jevdić³

¹ MSc, BS, Retired Geophysicist, Geoinstitute, Grocka, Serbia
ntrifunovic41@yahoo.com

² PhD, MD, Retired Neuropsychiatrist, Special Hospital for Psychiatric Diseases, Vršac, Serbia
jevdic@hemo.net

³ MD, Private Medical Practice "Life", Belgrade, Serbia
www.lifeordinacija.rs

Abstract. The aim of this paper is to consider contribution of anomalous increase of Earth magnetic field in etiopatogenesis of cardiac-vascular diseases (CVD): hypertensio arterialis, infarctus myocardii, insultus cerebrovascularis, atherosclerosis... This research has been applying in past 20 years, with objective geophysical evaluation by proton magnetometer produced in USA and geological compass "Brunton". We have examined a couple of hundreds cardio-vascular patients of both sex and all ages. In this paper we are presenting a few case studies. A correlation between the anomalous magnetic fields and CVD has been discovered. Influence of the anomalous zones (Az) of magnetic fields upon a specific person's organism had been discovered, and afterwards the exposed person was moved out of the anomalous magnetic field zones and his health condition was observed.

Keywords: *electromagnetic and magnetic fields, anomalous intensities, cardiac-vascular diseases, etiopatogenesis*

CONTRIBUTION OF ANOMALOUS INTENSITIES OF ELECTROMAGNETIC AND MAGNETIC FIELDS IN ETIOPATHOGENESIS OF MALIGNANT DISEASES

Nikola Trifunović

MSc, BS, Retired Geophysicist, Geoinstitute, Belgrade, Serbia
ntrifunovic41@yahoo.com

Abstract. The aim of this paper is to consider contribution of anomalous intensities of electromagnetic and magnetic fields in etiopathogenesis of malignant diseases. On this line, correlation between EMF anomalous zone (Az) and tumor locations has been ascertained. There are many examples how and why Az cause malignant diseases, and how patients recover when removed from AZs into natural EMFs. So, if magnetic characteristics of external environment are known, by theoretical studying of prokaryotic and eukaryotic cells divisions we found that the natural Earth magnetic field (EMF) is a promoter of cell division, DNA replication and RNA transcription, which can elucidate many obscurities as accelerators of malignant diseases. In conclusion, it can be stated that the cause of tumors are Az anomalous and variable magnetic fields in beds. Also, along with applied therapies, it is necessary to remove patients from Az into environments with natural EMF.

Keywords: *Earth magnetic field, temperature and magnetisation, anomalous zones, cells division, crossing-over, malignant diseases and metastases*

SELF-REINTEGRATION, AN QUANTUM-BASED ENERGY (PSYCHO)THERAPY, FOR THE TRANSCENDENCE OF DUALITY*

Paula Márcia Ferreira Baccelli Reis

BA Clinical Psychologist, Private Psychotherapy Practice, Uberlândia, MG, Brasil

www.espacodaalma.blogspot.com

www.euvceuniverso.com.br

Abstract. The author presents a new therapeutic technique, which fits in what are called Energy (Psycho) Therapies or Meridian (Psycho)Therapies. Based on scientific studies by various authors and her own clinical experience, author discusses the new paradigm of science, which accepts the consciousness as the creator of matter and its importance to a renewal in the way we think about health and illness, the various states of consciousness with which we are affecting and being affected constantly, and the duality of mind that is characteristic of all quantum objects and responsible for various fragmentations of the human psyche or mental creations.

Keywords: *energy (psycho)therapies, meridian (psycho)therapies, duality, paradigm, self, reintegration, fragmentation, mental creations*

* *In absence*

C. WORKSHOPS

DETERMINATION AND PRESERVATION OF BIOLOGICAL YOUTH

Workshop by Dr. sci. Alla Ivanovskaya

ivanovskaya-alla@ukr.net

Join us for a special event – workshop on determination and preservation of biological youth. This workshop will provide basic principles and methodology of Cytobiophysical diagnostics – Shakhbazov method. Genetics and Cytology Department of Kharkov National University, under the direction of Prof. V. G. Shakhbazov, introduced the method of rapid determination of the age (biological age) and health status in man on the basis of the change in *electrical potential of nuclei* (EPN) in native epithelial cells. EPN in a cell changes proportionally to human life span, fatigue and a variety of diseases which alter the energy status. Also there is a change in EPN under influence of alcohol, drugs and toxins, and in the same extent under the influence of adverse environmental conditions. The method is fully implemented and continues to improve in the Scientific Research Centre of Quantum Medicine “Vidhuk”, Kiev, Ukraine.

In this workshop, you will learn more about...

- Determination of the *energy status in people (biological age)* at the cellular level, which has become a current topic in various fields of medicine. Changes in energy level occur as a result of various diseases. Determination of such changes is important not only for assessing the patient's condition and efficiency of existing methods of treatment, but also for the assessment of healthy individuals. Biological age does not necessarily correspond to chronological age.
- Research into bioelectrical properties of nuclei using *intracellular micro-electrophoresis method*, which has shown that most suitable are epithelial cells, especially of the buccal mucosa. The sampling of cells is completely harmless, non-traumatic and non-invasive method. The cells are studied in their natural state, without the use of fixatives and stains. On the tested preparations, besides the quantitative characteristics, the *qualitative changes on buccal epithelium cells* and *changes in microflora lining of the oral cavity* are observed during the treatment methods of quantum medicine.
- The correlation between the changes in the amount of electro negative nuclei and the changes of qualitative characteristics in buccal epithelial preparations (external appearance of a cell and micro flora quantity) was determined during the healing process. We can compare the patient's subjective feelings and objective results of the treatment. It gives the basis for intracellular microelectrophoresis evaluation, as an objective efficiency control method, both during and after the treatment. It therefore gives the possibility to change the therapy during the application or to confirm its efficiency.
- This method has achieved a wide recognition in the medical practice for determination of human life span, the degree of exhaustion and toxic pollution, radiation and other causes of physical damages, and also for application in surgery, cardiovascular treatment and other medical branches. In fact, it has become the most recent issue on adequate method for the *treatment process control*, which gives the ability to completely evaluate the overall health status by showing the dynamics of the functions that return to normal levels.

Dr. Alla V. Ivanovskaya, PhD, is a physicist working in Scientific Research Center of Quantum Medicine "Vidhuk", Kiev, Ukraine. Her current research interest is particularly related to methods of on-line diagnostics of the patient during the treatment methods of quantum medicine: cellular microelectrophoresis, infrared thermography, and differential reflectometry.

CEM® - THERMODIAGNOSTICS TO EVERYBODY

Workshop by Spec. Dr. med. Zlata Jovanović Ignjatić

ordinacijadrzlata@yahoo.com

www.quanttes.org.rs

Join us for a special event – workshop on CEM®-ThermoDiagnostics to everybody. This workshop will provide basic principles, methodology, and indication for CEM®-ThermoDiagnostics, produced in Nizhniy Novgorod, Russia. CEM®-ThermoDiagnostics (www.cem-tech.ru), when compared to other diagnostic methods, provides a thermodiagnostic self-monitoring as a kind of prevention from the disease's development in an earlier stage. An early (self)diagnostic and the treatment control increase the recovery rate by as much as 95%!

In this workshop, you will learn more about...

- Warm-blooded bodies as sources of electromagnetic emissions: An infrared thermal (85%) and a radio thermal emission within the range of extremely high frequencies that convey detailed information on temperature changes. Man is an instable thermodynamic system that works towards sustaining steadfast temperature within the body.
- Basic principles CEM®-ThermoDiagnostics: While the contacting accessories provide the information on the whole body's temperature, radio luminescent equipment measures the temperature from some distance, giving detailed information about the internal organs' functioning. The detection of the temperature changes within the infrared range reveals simply, quickly and in a noninvasive way the internal organs' malfunctions, by registering the temperature changes on the surface skin layers. Distal body parts represent specialized areas of physical thermoregulation. Thermo symmetry of the tissues and organs is the basis for the thermo diagnostic.
- Methodology of CEM®-ThermoDiagnostics: Temperature is registered on the suggested measurement spots. The measurement results are converted into a thermogram. An educated user can either themselves analyze the thermo graphic record or consult their doctor (on-line or off-line) about what diagnostic-therapeutic steps to take, in addition to monitoring the treatment course and results.
- Indication of CEM®-ThermoDiagnostics; Inflammatory processes of the nose mucous membrane, sinuses holes, ear, joint structures, also skin, eye and breast diseases; evaluation of the brain bloodstream as well as that of the lower limbs, diagnosis of the secondary immune deficiency.

Dr. Zlata Jovanović Ignjatić, MD, is a specialist in physical medicine and rehabilitation. During 1990ies and 2000ies she passed several internationally certified educations in acupuncture, quantum medicine, microwave resonance therapy, and homeopathy. From mid 1990ies holds Private practice in physical and quantum medicine, acupuncture and homeopathy in Belgrade. She is president elect of Acupuncture Medicine Section in Serbian Medical Society from 2006, president elect and co-founder of associated Quantum Medicine Subsection from 2008, and co-founder and first president elect of Quantum Medicine Association - Quanttes from 2006. During 2006-2008, made significant contribution to passing Regulations on traditional medicine in Serbia, as a member of Committee for Regulation of Traditional Medicine, in Serbian Ministry of Health. She is an author of the book Quantum-Holographic Medicine: Via Acupuncture and Microwave-resonance (Self)regulatory Mechanisms, printed by Quanttes, Belgrade, 2010, in Serbian.

MADU MAGNETOTHERAPY METHODS

**Workshop by Visiting Professor Dušanka Mandić
and Assistant Professor Drago Djordjević**

mandic.r@sbb.rs
www.madumagnet.rs

Join us for a special event – MADU (MAGnetic Deep Unipolar oriented field) Magnetotherapy Methods. They include the application of two patented and acclaimed medical devices: Trap for shell fragments & MADU strips. Both devices have magnetic induction 10 to 15 times weaker (measured by Portable Proton Magnetometer Model G-856A, EG&G Geometrics, USA, precision 50 nT) than the approved levels prescribed by the WHO UN. The both applications are used as a new medical treatment which belongs to non-invasive, ecologically clear and environment friendly, subtle methods. The magnetic devices retain the contact with the body for a period ranging from 24 hours to 2 or more years according to the patients' needs, determined on the basis of their clinical data. The MADU strips are applied on reflexogenic (acupuncture) zones and reflexogenic (acupuncture) points and oriented with the North pole faced towards the skin, for treating various disorders and diseases.

You will learn more about...

- The new medical method that provides the conditions for the beginning of regenerative processes in various tissues under the influence of biophysical mechanisms of permanent oriented unipolar magnetic field MADU. The most important achievement is the cartilage regenerative process.
- The minimally invasive method which is applicable in clinical conditions as well as in the field conditions. The application includes pre-treatment, prior to placing MADU, which includes local and global effects in organism resulting in the dipole resettlement, anti-inflammatory, anti-swelling effects and increasing oxygenation which manifests in the stimulation of biochemical processes in the body that stimulate the regenerative processes.

Dr. Dušanka Mandić, PhD MD, primarius of labor medicine, was visiting professor in subtle energies and energy medicine at the ECPD (1991-1999) and IASC (1999-2011), Belgrade. She is innovator of two medical devices and the creator of the new medical treatment. First patent (1995) - medical device (2000) Trap for shell fragments (awarded WIPO UN 1996 Woman World Inventor of the Year) was initially used to treat wounded people with foreign ferrous fragments in the body and to displace and evacuate shell fragments, and nowadays it is very useful for treating various injuries obtained at work, in sport, traffic accidents, households, even jatrogenic injuries with accidentally remained metal ferrous foreign bodies in human organism. Second patent (1998) - medical device (2003) MADU strips have wide medical indication areas due to basic principles and mechanisms realized on local and global levels in organism.

Dr. Drago Djordjević, PhD MD, specialist of physical medicine and rehabilitation, is assistant professor at the Faculty of Medicine, University of Belgrade (dragodj@med.bg.ac.rs). He had presented his PhD study about magnetic fields, including MADU, and he had studied pathophysiological mechanisms in human organism and biophysical and biochemical effects in both humans and animals. He is coauthor of the book: D. Raković, A. Škokljek, D. Djordjević, "Introduction to Quantum-Informational Medicine, With Basics of Quantum-Holographic Psychosomatics, Acupuncturology and Reflexotherapy", printed by ECPD, Belgrade, 2009, in Serbian.

PRANAYAMA – YOGA BREATHING TECHNIQUES

Workshop by Dragan Lončar

srividya@eunet.rs
www.vidyayoga.net

Join us for a special event – workshop on ancient yogic breathing techniques – Pranayama. We will explore the yogic breath and abdominal breathing. This workshop will provide instruction and practice of pranayama techniques that you can integrate into your practice. Pranayama, the practice of ancient yogic breathing techniques, consciously controls the flow of breath, and thus enhances the flow of energy in the body. A regular, balanced pranayama practice increases prana (life energy), thereby inviting greater mental clarity, heightened healing potential and deeper self-understanding.

In this workshop, you will:

- learn and practice various pranayama techniques including ujjayi, bhramari, kapalabhati, bhastrika, nadi shodhana;
- understand the basics of the yogic philosophy behind pranayama;
- learn how to engage the bandhas in your pranayama practice.

The main benefits are:

- Blood pressure will be maintained at a healthy level.
- Improved circulation, taking oxygen efficiently around the body.
- Increase of oxygen to the brain reduces fatigue, eases depression, improves concentration.
- Increase of oxygen to the digestive system improves digestion and metabolic rate.
- A strong, healthy heart will reduce the risk of heart disease and maintain healthy, elastic arteries and veins.
- Reduction in stress levels.
- Deep breathing promotes relaxation.
- Healthy lungs will reduce such issues as asthma.
- Strengthened immune system as the toxins will be removed from your body when you are completely emptying your lungs.
- Increased longevity.

Dragan Lončar – Swami Shreevidyananda is a student of Swami Satyananda Saraswati – Bihar School of Yoga. He has been teaching yoga for 27 years. He is a director of Vidya Yoga School in Belgrade, Serbia. He was the first in Serbia to set European and world standards of training yoga instructors. Together with doctors in Traditional Medicine Committee, within the Ministry of Health of the Republic of Serbia, Dragan Loncar made significant contribution to passing the Regulations on alternative medicine (the chapter referring to yoga itself) at the end of 2008, by which yoga was formally acknowledged by the Ministry of Health, Republic of Serbia, as a method of improving general health of people. By establishing these regulations it was officially enabled to introduce yoga therapy into medical institutions in Serbia.

RECONNECTIVE HEALING

Workshop by Dr. Eric Pearl

*Presented by Ronen Levy, Market Manager Europe,
Personal Assistant to Dr. Pearl*

www.TheReconnection.com

Join us for a special event – Reconnective Healing™ Workshop – The Basic Truths of Healing™. Unique in its content, this workshop is essential for both the novice as well as the advanced practitioner. As a newcomer, you will discover how to immediately access these new frequencies of healing. As an advanced healer, you will find that “elusive jump” that will make all the difference in your work. Your hands will be attuned to accept these new frequencies of healing. You will make the shift to carry and accommodate this all-inclusive spectrum of energy, light and information. And you will work with these highly palpable energies under the direct guidance of Ronen Levy, Eric Pearl’s Personal Assistant and the dedicated Reconnection teaching team. This is different than Reiki, Johrei, Qi Gong ... or any healing technique you’ve ever encountered. This is beyond technique!

In this workshop, you will:

- Find out how to access this new, more fully comprehensive healing continuum
- Get a glimpse beyond “technique”
- Transcend “energy healing” itself
- Access a level of healing beyond anything anyone has been able to access prior to now!

Internationally recognized healer Dr. Eric Pearl, CD, has appeared on countless television programs in the US and around the world, spoken by invitation at the United Nations, been interviewed in various publications including The New York Times, and most recently featured in the film, The Living Matrix. As a doctor, Eric ran a highly successful chiropractic practice for 12 years until one day his patients began reporting that they felt his hands on them – even though he hadn’t physically touched them. Patients soon reported receiving miraculous healings from cancers, AIDS-related diseases, epilepsy, chronic fatigue syndrome, rheumatoid and osteoarthritis, birth disfigurements, cerebral palsy and other serious afflictions. All this occurred when Eric simply held his hands near them – and to this day, it continues. Based in Los Angeles, Eric and Reconnective Healing elicit great interest from top doctors and medical researchers at hospitals, colleges and universities worldwide. These include Jackson Memorial Hospital, UCLA, Cedars-Sinai Medical Center, the VA Hospital, Tel HaShomer (Tel Aviv), Quality of Life Research Center (Copenhagen), Memorial Hospital (Istanbul), University of Miami Medical School, Kent College of Osteopathy (UK), RMIT University (Melbourne), St. Petersburg State Technical University (St. Petersburg), The University of Oslo, and the University of Arizona. New research programs are presently underway at multiple facilities internationally under the guidance of such renowned research scientists as Gary Schwartz, PhD., William Tiller, PhD., Konstantin Korotkov, PhD. and others.

QUANTUM TRANSFORMATION

Workshop by Sonja Simonovska

office@sonnenaufgang.co.at

www.sonnenaufgang.co.at

Join us for a special event – workshop on Quantum Transformation, which uses practical application of the Two Points Method in the field of healing and life issues solving. Two Points Method has its roots in the thousands years ancient Hawaiian spiritual technique of Huna, rediscovered independently by Dr. Richard Bartlett (Matrix Energetics) and Dr. Frank Kinslow (Quantum Entrainment), with a great contribution of Andrew Blake (QCT - Quantum Consciousness Transformation). Not only because it is easy, simple to use, and at the same time very effective, but also because of the possibility of combining it with other therapeutic and healing techniques, Two Points Method is spreading through Europe very quickly.

In this workshop, attendees will get...

- Individual treatment, and will be able to feel the effect of the Quantum Waves.
- Group treatment, because of the spreading of the field in the surroundings at the time of individual treatment.
- Work on some personal theme/issue or problem, which doesn't have to be stated loudly, with possibility to transform their present state of being.
- Strong feeling of the effects of the field of the group.

Sonja Simonovska, BS, BA, was born 1963 in Serbia, she has grown-up in Macedonia, and since 2002 she is living and working in Vienna as Psychological counsellor and energy therapist. She is a member of Austrian Association of doctors, therapists and counsellors in the health sector, Austrian Association of Energy therapists, and Atman - Austrian Association for Integrative Breathing. Since her youth she is interested in spirituality, mathematics and psychology. After finishing the Faculty of Mechanical Engineering at University of Skopje, in the field of thermo-energetic, she is occupied by studying different energy healing techniques. Besides her natural, inborn talent for energy work, she has a wide educational range in the field of psychology and energy work, done in Austria and Germany. She is a member of Atman - Austrian Association for Integrative Breathing, and of Austrian Association of Doctors, Therapists and Counselors in the Health Sector. During the search for more effective healing methods, she encounters the Two Points Method. Thrilled by the results of this method she started to use Quantum healing on her clients, combining it with already known and practices techniques. Wanting to share this effective method with more people possible, she started to teach and to held Quantum Transformation workshops. Her teaching style is easy and simple, using meditation, music and body work. She is teaching in Austria, Serbia, Croatia and Macedonia (www.kvantna-transformacija.com).

THE HEALING ART OF QI GONG

Workshop by Vladan Vidović

birba.new@gmail.com

www.koru-pozitivnaenergija.com

Join us for a special event - workshop on the healing art of Qi Gong. Certified China's pre-eminent energy-healing approach after a 19-year government survey, Zhineng Qi Gong (the cultivation of intelligent energy) has demonstrated an incredible 95% healing effectiveness rate on over 450 serious and terminal disease conditions, with ten million practitioners worldwide. In general, through the regular practice of Qi Gong, every aspect of one's life will be improved: old health issues clear (sometimes seemingly miraculously), patterns of stress and negativity disappear, natural vitality and good health increase, leaving one with a sense of deep happiness and wellbeing which originates from within.

The purpose of this workshop is to:

- Introduce you to the scientific system of Qi Gong known as Zhineng Qi Gong;
- Learn some basic exercises of Qi Gong: squats, lift Qi up - pour Qi down, La - Qi and Fa - Qi;
- Give you an understanding of the purpose and benefits of Qi Gong practice;
- Help you understand the critical role that Qi - the fundamental substance of life - plays in our health;
- Understand how the quality and quantity of Qi impacts all levels of our wellbeing - mentally, emotionally, physically and spiritually.

Become the master of your own health and life:

- Become aware of and awaken your internal energy (qi, chi, life force energy, prana);
- Learn practical, easy exercises which you can use on a daily basis to enhance your wellbeing;
- Enhance the ability of your mind to stay calm, relaxed and in control at all times.

The main benefits of Zhineng Qi Gong:

- Mental – improving concentration and mental focus, improving brain power, ability to think clearly, improving observations skills, improving memory, improving decision-making, promoting a calm mind, stopping mind - chatter, reducing stress, improving communication skills, finding calmness and happiness and much more;
- Emotional – sharpening intuition, ability to stay calm under pressure, calming emotions, enhancing emotional intelligence, clearing negative emotions and mental patterns and more;
- Physical – preventing illness, enhancing health, maintaining good health, promoting the body's self - healing mechanisms, improving posture, increasing energy and vitality, increasing strength and flexibility of the spine, improving joint flexibility, improving digestion, strengthening and toning muscles, improving cardio-vascular health, relaxing muscles, improving back problems, strengthening immune system, increasing longevity and more...

Vladan Vidović – LaoShi has been teaching and studying Qi Gong for over 10 years. He is a director of Wellness Edu Center in Belgrade Serbia, organization for development and research of energy techniques, Qi Gong and expansion of human potentials. His personal mission is to help people improve their life and wellbeing through practice of Qi Gong and by following the law of nature and Tao. At the end of 2008 Qi Gong was formally acknowledged by the Ministry of Health, Republic of Serbia, as a method for improving general health of people.

AUTOGENIC TRAINING

Workshop by Spec. Dr. med. Milka Čosović

info@dejanrakovicfund.org
www.dejanrakovicfund.org/iasc.html

Join us for a special event - workshop on Autogenic training. This is a medically widely applied auto-suggestive technique of relaxation of muscles and blood vessels, recognition of the body feeling of breath and heart, and exercise for concentration, based on Schultz's idea of the equivalence of muscular and mental strain. Autogenic training is acting primarily from the state of alertness, but with careful sinking in deeper levels of consciousness, as auto-suggestive short relaxing messages are softening one's undesired psychosomatic reactions in daily stressful situations. Experience has shown that this is more efficient if emotional flows are more freely engaged, this being the reason that auto-suggestive messages include the words: perfect, relaxing, calm, pleasant, easy, good, free, happy, friendly, bravely, strong, far, quickly, highly. The technique of Autogenic training is not only recommended for everyday anti-stress self-aid, but its short morning and evening exercising at home is necessary condition for its success. In the near future it might be expected that Autogenic training will emerge outside the medical framework, with a wider spectrum of applications, as excesses of psychophysiological and social tensions are becoming more and more a problem of civilization at the borderline of the second and third millennia, which will be less and less resistible by unconscious self-defending automatism. One of the ways of self-defense is Autogenic training and related methods, based on the millennial tradition of Eastern meditative techniques.

In this workshop, you will learn more about:

- Suggestion and power of autosuggestion;
- Relaxation as a bridge between spirit and body;
- Five channels for detoxification of human organism;
- Mental and body hygiene as a tool for stress reduction;
- Control of stress by breathing;
- Emotions and heart rhythm;
- Changes and fear of changes.

The main benefits are:

- Relaxation of the muscles of face and extremities;
- Control of the state of blood vessels;
- Recognition of the body feeling of breathing;
- Recognition of the body feeling of heart;
- Relaxation of the abdominal muscles;
- Control of concentration.

Dr. Milka Čosović, MD, is specialist of Ophthalmology, and worked in Hospital "Dragiša Mišović" in Belgrade until her retirement. She has a long practice in popular educations on Autogenic training and Bates exercises for healthy eyesight, at the International Anti-Stress Center (IASC) in Belgrade, and also conducted humanitarian IASC anti-stress courses in autogenic training, before and after NATO bombing of Yugoslavia.

KNOWLEDGE FEDERATION DIALOG BELGRADE 2011

Workshop by Associate Professor Dino Karabeg and Professor Dejan Raković

dino@ifi.uio.no

www.knowledgefederation.org

Join us for a special event – Knowledge Federation Dialog Belgrade 2011. Imagine a world where the insights and methods of quantum medicine are integrated in mainstream healthcare; and where the experiences and the wisdom of healing and spiritual traditions are allowed to inform the conventional lifestyle and culture. What can we do to help this natural and needed development become reality? In Knowledge Federation we have turned this question into a collection of collaborative strategy games. We create projects that are game-changing, each in its own domain, and we provide just enough structure to allow individual contributions to add up to a shared goal, which is characteristically a change of practice. So, the strategy behind our Tesla and the Nature of Creativity (TNC) project may be understood by analogy with the way how large improvements to legal practice are commonly made in the US and Canada (an example is the court case that tobacco industry lost recently at the Supreme Court of Canada): a certain specific law suit is carefully prepared and taken all the way to Supreme Court. In the TNC project (http://www.knowledgefederation.org/TNC_Prototype) we develop a case for quantum medicine and the corresponding worldview by focusing on a specific academic result – Dejan Raković's model where quantum-informational medicine is used to explain the 'deep creative insight' – a phenomenon manifested in unusually high degree by inventor Nikola Tesla. Around Raković's result we develop a complete methodology and infrastructure by which an academic result from any specialized area (here quantum-informational medicine) may be

- explained in terms that are accessible to general public,
- expressed as an idea in an idea graph and made available online for everyone to comment and work with,
- linked with other related ideas and results,
- developed into general insights that can inform policy- and lifestyle change,
- brought to the attention of academic and other communities where it may have large impact,
- brought to the attention of the media and the public,

or in one word, we are developing a method by which an academic result may be *federated*. As participant in this workshop you will be invited to give your creative contribution to the TNC project. The dialog technique we will be using is an adaptation of the dialog technique developed by physicist David Bohm; we loosen the usual academic constraints on discourse and allow our human voices and our lived experiences to shine through. The authentic anecdotal material that will be contributed in this way will be an asset in our undertaking to make a good case for the media and the public. At the same time, this less constrained and more personal meeting will help us augment our own sense of reality and purpose; and it will also strengthen our personal ties and community.

Prof. Dr. Dino Karabeg, PhD, is Associate professor at the Institute of Informatics, University of Oslo, Norway. Since 1995 he has been developing an approach to put systemically suitable knowledge work into practice, through an international community and project called Knowledge Federation.

Prof. Dr. Dejan Raković, PhD, is Professor at the Faculty of Electrical Engineering, University of Belgrade, Serbia. Since early 1990ies he has been developing a quantum-informational framework for consciousness and acupuncture, with significant psychosomatic-cognitive implications.

CHANGING YOURSELF THROUGH INTEGRATIVE ART PSYCHOTHERAPY

Workshop by Professor Snežana Milenković

nenam@eunet.rs

<http://rs.linkedin.com/pub/snezana-milenkovic/2b/31a/314>

Join us for a special event - workshop on knowing and changing yourself through Integrative Art Psychotherapy. How are you to know yourself? You can only know yourself in your relationship to others. So relationship acts as a mirror in which you know yourself. In Integrative Art Psychotherapy it can happen that by 'talking about', the person can stay in his/her left side of the brain, and not connect with repressed material on the right side of the brain - the very material needed for integration. By introducing imaging, made visible in art-form, and working with it in a person-centered mode, integration can occur. Images contain messages from the unconscious - perhaps hopes and fears - needing to be known. With art we can rediscover our creative force which releases such an amazing array of symbolic images. They come to us, bearing their gifts. And a psychotherapist can help us recognize such gifts. Somehow, by thinking less, it is possible to know more. Working with art is, in itself, a creative spontaneous process, as the psychotherapist moves from words to image, to feelings, to body language, to wider reflections. Wherever the focus of the moment, psychotherapist and client/person proceed on a journey into the unknown, a magical mystery tour.

In this workshop, you will learn more about:

- Theory of growth and change behind Integrative Art Psychotherapy.
- Methods and processes of doing Integrative Art Psychotherapy - work with images in four stages:
 - Imagining - allowing images to present themselves to the inner eye. The image manifests itself within the person.
 - Making those images visible in art-form. Simply, the process of externalizing the image to art-form illustrating some event or feeling can, in itself, be healing.
 - Trying to elicit the meaning of the image with a psychotherapist. The image is projection of the self, made visible. Thus, when incorporated into the psychotherapeutic dialogue, the meaning of the symbolic aspect can emerge, and contribute significantly to the therapeutic process.
 - Working on the emerging issue in psychotherapy. Then it may be necessary to work on the revealed meaning.

The main benefits are:

- How are you to know yourself better.
- How to free yourself from the intellectual constraints and concepts of your upbringing and your professional training.

Prof. Dr. Snežana Milenković, PhD, is professor of psychotherapy and psychology of art at the University of Novi Sad, Faculty of Philosophy, Department of Psychology. She is honorary president of Serbian Union of Associations for Psychotherapy (SUAP), and founder and president elect of Serbian Society for Integrative Art Psychotherapy. She is serving as a board member of European Association of Psychotherapy (EAP).

TE-PSYNTESIS BODY PSYCHOTHERAPY

Workshop by Professor Ljiljana Klisić and Anja Djordjević

eklisic@sezampro.rs
www.tepsyntesis.org.rs

Join us for a special event - workshop on TePsyntesis Body Psychotherapy. Body Psychotherapy has a rich variety of *diagnostic and therapeutic techniques*, as indeed there are in the other branches of Psychotherapy. In TePsyntesis Body Psychotherapy Training school there are methods to facilitate awareness of body and mind, our blockages and flow of life force. Our mother school is Radix with wide number of techniques, and workshop is planned to give an introduction to this approach.

In this workshop, you will learn:

- TePsyntesis and Radix method are based upon the principle that each individual is a *whole person* consisting of mind, feelings, and body. For personal growth to be effective and lasting, it must touch and transform all of our levels. Given there is a mind/body unity, lasting psychological change can be affected by also working with the body.
- By itself, intellectual understanding, such as that offered by purely verbal counseling techniques, does not penetrate to and transform the deeper levels of our being. If we deal with conceptual content, and leave unchanged the *deeper emotions*, physical *blockages* and armor, then the roots of our problems remain untouched, allowing those problems to again manifest with the same or different symptoms.
- Instead, each kind of blockage must be dealt with on its own level. TePsyntesis therefore uses a diversity of mind (verbal), feelings (affective), and body (somatic) counseling techniques to bring lasting change to each level of the whole person.

The main benefits are:

- As the work progresses, clients resolve their issues (e.g., anxiety, depression, trauma). Typically they also begin to experience, becoming more fully alive and more authentic. Of course, TePsyntesis is applied differently to clients according to their individual needs, and yet common themes underlie the work, such as mind/body integration, grounding, centering, boundaries, containment of feelings, expressing of deep feelings, ego strengthening, pulsation, charging, discharging, pulsation, relaxation, intimacy, pleasure, choice, purpose, self-direction and awareness.

Prof. Dr. Ljiljana Klisić, PhD, is a clinical psychologist, and professor at European University, Belgrade, Serbia. She is founder and president elect of the Serbian Association for Body Psychotherapy, and licensed Radix trainer. In 1976 in Belgrade she founded TePsyntesis - Serbian Training School of Body Psychotherapy, which has trained more than 200 professionals.

Anja Djordjević, BA, has got her degree in adult education at the University of Belgrade, She is a member of Serbian Association for Body psychotherapy – TePsyntesis, participant and organizer of numerous Body Psychotherapy seminars, courses and conferences, and editor and co-author of numerous books and articles in this field. She is also author of a book “Peace education - Between East and West”.

REIKI FOR SELF-HELP

Workshop by Margarita Milenković

margarita@reiki.rs

<http://www.reiki.rs/>

Join us for a special event – self-help by quick achievement of a satisfactory mental and physical state, with use of selected Reiki techniques adjusted for every individual. Reiki is an ancient spiritual-energetic method of healing, usually considered to be Japanese, and it is applied along with methods of modern medicine in health care institutions around the world. For many years now Reiki has been considered to be No 1 method of self-help in the world. Reiki primarily helps with reduction of stress, with relaxation, and is also used for mobilizing/activating all defense mechanisms in the human body. It improves the efficiency of all bodily functions, and allows us to reach a state of harmony between the physical, mental and emotional levels of our being. The highly developed, non-standard approach to Reiki allows everyone to acquire selected techniques and use them successfully for self-help, without having to attend traditional training classes, usually required for the Reiki method. Combining of Reiki techniques with acupressure, with breathing and stretching exercises, as well as with mechanisms of the human reflexes and mental orientation, can allow everyone to find their own ways to prevent further development of various health problems, caused primarily by stress. The use of self-help to reduce stress, to relax, improve concentration and memory capacity, to improve one's mood in general and increase the energy potential of the body, is necessary and easily applied in everyday life.

In this workshop, you will:

- learn and practice various Reiki techniques including Reiki breathing, used alone or combined with stretching exercises, Reiki meditation, Reiki mudras, the energetic Reiki techniques combined with acupressure;
- learn to understand the true meaning and purpose of regular use of the 5 Reiki Principles;
- learn how to apply these techniques and knowledge in your everyday life in order to improve its quality.

The main benefits are:

- Reduction of the level of your stress within 5-10 minutes
- Quick relaxation
- Letting go of your destructive emotions
- Improvement of your mood in general within 5-10 minutes
- Improvement of your concentration and memory capacity within 5-10 minutes
- Increase of your body's energy level within 5 minutes
- Regular improvement of your immune system
- Regulation of your appetite
- Regulation of your metabolism

Margarita Milenković, BA, is Usui-Thibetan-Karuna Reiki Master teacher, with 13 years of experience. She is founder and president of Association "Reiki of Serbia" with several hundreds active members, and author of the book "Reiki – A Way to Yourself", printed by Booking, Belgrade, 2010, the first one in Serbian. From 2011 she is a member of International Association of Reiki Professionals, USA.

INERGETIX-CORE QUANTUM-INFORMATIONAL TECHNOLOGIES

Workshop by Kiran Schmidt

www.energy-medicine.com

Join us for a special event – workshop on Inergetix-Core Quantum-Informational Technologies. Inergetix-CoRe™ offers the only system that combines informational and energy medicine to find reproducibly client specific frequencies. It offers worldwide the first and only software controlled method to find client specific frequencies automatically, fast, effective and reproducible. Main challenge in understanding Inergetix-CoRe™ is that it does not have to be physically connected to the client to evaluate or balance. Simply put, the quantum-holographic connection of a person's information with healing information is performed by their quantum-holographic coupling via Random Event Generator (REG) software programs. In other words, *in one quick procedure we can know which frequencies are out of balance, and then re-balance them right away, all with the same equipment.* This is the future happening right now!

You will learn more about...

- Principles of the Inergetix-CoRe™ based on quantum physics, the principles of resonance and global scaling, issuing a complex statistical analysis on the basis of a large database of over one hundred thousand patterns of internal and external stress sources.
- Basics of the Inergetix-CoRe™ both on the informational or energetic levels, with results always being probabilities and not Yes/No answers.
- Basics of usage of the Inergetix-CoRe™ quantum-informational interaction with representative “informational signature” of each individual, the image of every “symptom” and each “remedy”, when Inergetix-CoRe™ generates and selects complex models to establish the REG resonance between the client, symptoms and remedies and then uses the statistical analysis of the results to set the probabilities of the highest resonance.
- And much more...

Kiran Schmidt, BS, is German biophysicist, living and working in USA, founder of Inergetix Inc. In 1984 he got 1st price in the German competition “Young inventors”, and in 1986 he founded the Instrument Systems Corporation in Munich. Discovering the power of homeopathy in 1989, one year later he sold his share in Instrument Systems and went to India for 5 years to study and practice homeopathy. From India he moved to California in 1995, and started developing the Inergetix CoRe system. In 2003 he started working with Electrodermal screening, and in parallel adding the energetic components to the Inergetix CoRe system which until then had been a purely informational (radionic) system. Then in 2004 he discovered the principle of Dynamic Labile Equilibrium, and in 2006 he became aware of holographic nature of our existence. From 2006 he started his perpetual seminar tour to all countries of the world.

MEASURING ENERGY FIELDS

Workshop by Professor Konstantin Korotkov

kk@korotkov.org

www.korotkov.org

Join us for a special event as we define and explore the measurement and quantification of living organisms' energy fields. The technology of Gas Discharge Visualization (GDV) / Electrophotonic Imaging (EPI) supports the changing world of healthcare and human consciousness. This powerful gathering will be led by the visionary inventor Prof. Dr. Konstantin Korotkov.

You will learn more about...

- Methods and processes of human energy field measurement
- Interpretation: what do our energy fields tell us
- How to best present this information to your clients/patients
- How to use the various EPI/GDV system software features
- How to utilize this technology effectively in research
- How you can refine data gathering techniques
- Properties of water, and water studies done with EPI/GDV
- Eco-Sensor: Insights on research being done worldwide.
- Hands-On learning (bring your GDV)
- And much more...

Prof. Dr. Konstantin Korotkov, PhD, is a biophysicist from St. Petersburg, Russia. His invention of the EPI/GDV modernizes Kirlian photography and creates a functional visualization of all our body's systems uniquely and non-invasively. According to Prof. Korotkov, the proper use of EPI/GDV technology has the ability to raise both physical alert consciousness and spiritual consciousness. Prof. Korotkov has published over 200 papers in leading journals on physics and biology, and he holds 17 patents on biophysics inventions. He is international health care consultant (USA, Europe, Japan, Latin America). Prof. Korotkov is deputy director of Saint-Petersburg Federal Research Institute of Physical Culture and Sport, professor of computer science and biophysics at Saint-Petersburg Federal University of Informational Technologies, Mechanics and Optics, professor of adaptative physical culture at Saint-Petersburg Federal University of Physical Culture and Sport, and founder and president of International Union for Medical & Applied Bioelectrography.

** In absence*

**D. ROUND TABLE
KNOWLEDGE FEDERATION DIALOG BELGRADE 2011:
PARTIAL VS HOLISTIC ORIENTED APPROACHES**

SESSION C1

ROUND TABLE KNOWLEDGE FEDERATION DIALOG BELGRADE 2011

Dino Karabeg,^{1,2} Dejan Raković³⁻⁵

¹ Associate Professor, PhD Computer scientist, BEEE, Institute of Informatics, University of Oslo, Norway

² Founder, Knowledge Federation

www.knowledgefederation.org

dino@ifi.uio.no

³ Professor, PhD Physicist, BEEE, Faculty of Electrical Engineering, University of Belgrade, Serbia

⁴ Founder, DRF Fund for Promoting Holistic Research and Ecology of Consciousness, Belgrade, Serbia

⁵ Director, ECPD School of Quantum-Informational Medicine, European Center for Peace and Development (ECPD) of the United Nations University for Peace, Belgrade, Serbia

www.dejanrakovicfund.org

rakovicd@etf.rs

Abstract. As part of *Symposium of Quantum-Informational Medicine QIM 2011* (www.qim2011.org), an one-day round table *Knowledge Federation Dialog Belgrade 2011: Partial & Holistic-Oriented Approaches* is planned for September 25. This round table will provide an opportunity for critical consideration of partial and holistic-oriented approaches to physics and engineering, medicine and biology, psychology and transpersonal phenomena, art and philosophy, society and religion. The paradigm of quantum physics enables us to broaden our foundation for truth and worldview – and explain and include phenomena and insights that have hitherto been ignored or denied, because they did not fit into the classical (in many aspects mechanistic) scientific paradigm. When we do that, we come closer to a more inclusive or *holistic* view which can lead to profound or 'paradigmatic' change in any field, and in our society at large. The observation that the insights reached in quantum physics point us towards a more inclusive or holistic worldview has been voiced by many authors, notably by Heisenberg in *Physics and Philosophy*. The fact that those insights are so slow to propagate into other disciplines and to influence general culture may be attributed to the lack of communication across and beyond disciplines. Knowledge Federation is an international project whose goal is to develop remedial knowledge-work practices – by *federating* key insights across disciplines, and to media and popular culture. In the Knowledge Federation Dialog we share holistic insights from a variety of disciplines to a round table, let them synergize with one another and become general insights; and we allow those general insights, and our dialog, to spread through the media and include general public.

Keywords: *Knowledge Federation Dialog Belgrade 2011, partial vs holistic-oriented approaches to physics, medicine, biology, psychology, transpersonal phenomena, engineering, society, art, philosophy, religion...*

KNOWLEDGE FEDERATION PROTOTYPE: TESLA AND THE NATURE OF CREATIVITY (TNC)

Dino Karabeg,^{1,2} Dejan Raković³⁻⁵

¹ Associate Professor, PhD Computer scientist, BEEE, Institute of Informatics, University of Oslo, Norway

² Founder, Knowledge Federation

www.knowledgefederation.org

dino@ifi.uio.no

³ Professor, PhD Physicist, BEEE, Faculty of Electrical Engineering, University of Belgrade, Serbia

⁴ Founder, DRF Fund for Promoting Holistic Research and Ecology of Consciousness, Belgrade, Serbia

⁵ Director, ECPD School of Quantum-Informational Medicine, European Center for Peace and Development (ECPD) of the United Nations University for Peace, Belgrade, Serbia

www.dejanrakovicfund.org

rakovicd@etf.rs

Abstract. Prototype Tesla and the Nature of Creativity (TNC) is being developed as a showcase example of Knowledge Federation. *Motivation:* One of the points of this work is to show that IT innovation can – or better said *already has* expanded to systemic innovation; and how exactly this type of work might be done with available technical tools. *Use case:* DR, as an author of the article On Nature and Control of Creativity - Tesla as a Case Study, has been focusing on quantum nature of creativity of arguably the greatest creative genius in electrical engineering of all times, Nikola Tesla, as case study; if his result should have the sort of impact it can and needs to have, it will have to be federated. DK, as a federator in Knowledge Federation, received the article and recognized its potential for making an impact: (i) collective creativity may indeed be most important function of the agile and transformative collective mind we have undertaken to co-create, (ii) it bears upon the theme of (foundations for) truth and worldview creation, by challenging the paradigm of classical cognitive science and by offering a way to extend it into paradigm based on quantum epistemological insights. *Transforming a research article into an accessible multimedia object:* The substance of DR's article – model of direct creativity – is written in the language of quantum physics, and is therefore not accessible to non-specialist readers. The first step in federation was to extract from DR's article, and his other articles and experience, a simple visual model of how direct creativity works and how it might be controlled and used – expressed in conventional, rather than quantum-physics metaphors. The second step was to extract from this model certain general key ideas – a general idea contribution of this work. A result of this initial phase of federation was to show how a conventional research article may be turned into a multimedia object, with idea maps, recorded interviews with the author providing additional explanation, navigation structure, text annotations... Once the socio-technical system for presenting academic information has been designed and tested in this way, *suitable* information technology may be developed by IT industry. *Presenting, connecting and crowdsourcing ideas online:* In the second phase of federation certain ideas are selected from the article, along with their relationships, and made available online to community of interest or the global community, by using the Cohere platform. *Changing the public mind through a dialog:* A goal of this final stage of federation is to bring the key, transformative ideas to public awareness. To that end, we create a dialog including community's opinion leaders and media people. The dialog begins in physical space and continues on Internet and in the media. Our physical dialog aims to further develop David Bohm's dialogue technique by combining it with a therapeutic strategy called 'intervention.' *Conclusions:* Coming back to the insight "knowledge work has a flat tire" which we named as motivation, we can now see contours of a remedial procedure – one capable of combining together researchers, and general public, to organize relevant resources together and produce a reliable worldview-changing or direction-changing insight or *gestalt*. Our vision is a global knowledge-work game-like environment, a true global mind. A goal of Knowledge Federation is to evolve a general-purpose systemic 'game-changing game,' an environment where habitual ways of doing knowledge work, and perhaps any other kind of work, can be changed in a meaningful way.

Keywords: knowledge federation, systemic innovation, holistic informing, knowledge work that works

QUANTUM-HOLOGRAPHIC FRAMEWORK FOR CONSCIOUSNESS & ACUPUNCTURE: PSYCHOSOMATIC-COGNITIVE IMPLICATIONS

Dejan Raković

¹ Professor, PhD Physicist, BEEE, Faculty of Electrical Engineering, University of Belgrade, Serbia

² Founder, DRF Fund for Promoting Holistic Research and Ecology of Consciousness, Belgrade, Serbia

³ Director, ECPD School of Quantum-Informational Medicine, European Center for Peace and Development (ECPD) of the United Nations University for Peace, Belgrade, Serbia

www.dejanrakovicfund.org

rakovicd@etf.rs

Abstract. The paradigm of quantum physics enables us to broaden our holistic worldview, and explain and include phenomena that have hitherto been ignored or denied, which can lead to profound change in any field and in our society at large. The aim of this paper is to present quantum-holographic framework for understanding consciousness and acupuncture system, with significant psychosomatic-cognitive implications. This is of special importance because of wider application of holistic medicine in developed countries, oriented to the treatment of man as a whole and not diseases as symptoms of disorders of this wholeness, implying their macroscopic quantum origin. The focus of these quantum-holistic methods are body's acupuncture system and consciousness, which exhibit a structure of quantum-holographic Hopfield-like associative neural network, with memory attractors as a possible quantum-holographic informational basis of psychosomatic diseases, of special importance for quantum-holistic psycho-somatics and quantum-informational medicine. Wider quantum-informational implications of holistic medicine suggest quantum-holographic fractal coupling of the cellular level/acupuncture system/consciousness/ collective consciousness, which thus implies "downward causation" biophysical mechanism for modified gene expression. Our quantum-holographic investigations also predict two cognitive modes of consciousness (direct religious/creative, in quantum-coherent transitional and altered states of individual consciousness, and indirect perceptually/rationally mediated, in classically-reduced normal states of individual consciousness). This approach can account for space-time-transcending collapse-like quantum-gravitationally-induced and consciousness-channeled transpersonal interactions, with significant spiritual implications and conditions for observation of quantum-coherent quantum-holographic implicate order and classically-reduced explicate order. Our investigations forecast great synthesis of two cognitive modes in the framework of new quantum-holographic paradigm – where personal role becomes indispensable due to the influence and care for collective mental environment, which is fundamental question of both mental health and civil discency, i.e. of both spiritual and civil morality.

Keywords: *quantum-holographic informatics, macroquantum aspects of field-related consciousness & acupuncture system, nonlocality of quantum entanglement & quantum-gravitational collapse, quantum-holographic psychosomatic-cognitive & transpersonal-spiritual implications, quantum-holographic paradigm, quantum-holographic implicate order & classically-reduced explicate order*

**QUANTUM WILL BE THE MEDICINE OF TOMORROW
AND IT WILL REVOLUTIONISE OUR LIVES!**

Albert Ya. Grabovschiner,¹ Jean-Louis Garillon²

¹ Professor, PhD Biomed Engin, BEEE,
President, “Quantum Medicine Association”, Russia
www.kvantmed.ru
ga@mila.ru

² NMD, D.Public Health, Certif. Quantum Medicine,
Vice-President, “Quantum Medicine Association”, France
jl.garillon@wanadoo.fr

Abstract. Quantum medicine can be defined as a new medical direction, based on synthesis of all recent advances in quantum physics and the latest data on the deep nature of the living with the millennia experience of oriental medicine, or with the information-energy reality of a living substance. Quantum medicine is based on the use of energy quanta, i.e. small doses of electromagnetic radiation, for the purposes of diagnostics, treatment and prevention of many diseases, facilitating recovery of human health. In this case electromagnetic radiation is close to the natural level and intended to have a positive effect on functions of cells, tissues, organs, systems and whole organism. Although quantum medicine is at the initial stage, it promises revolution in majority of the methods to ensure human health in the near future. Through development of information-energy biologically compatible processes, quantum medicine might optimize all areas of healthcare.

Keywords: *quantum medicine, quantum diagnostics, quantum therapy, quantum prevention, future of quantum technologies*

MODERN SITUATION AND PERSPECTIVES OF ELECTROPUNCTURAL DIAGNOSTICS AND BIORESONANCE THERAPY

Mihail Yu. Gotovskiy

Director, Center of Intellectual Medical Systems IMEDIS, Moscow, Russia

www.imedis.ru

gm@imedis.ru

Abstract. More than 30 years ago Dr. F. Morel introduced a bright idea of the bioresonance therapy. Since that time we observe development of several directions of technical implementation of this idea as well as clinical application of the equipment. It should be noted that bioresonance therapy, homeopathy and electropunctural diagnostics methods are officially approved by Ministry of Healthcare of the Russian Federation. All that gave the chance for both fast and deep, accompanied by fundamental research, development of diagnostic and therapeutic methods based on integration of empiric conceptions and heuristic models of classical acupuncture, homeopathy, physiology, chronopathology, with support of electronic hardware. Medical educational institutions offer post-graduate retraining courses covering all methods of traditional medicine. Such favorable situation gave rise to development of domestic producers of equipment for bioresonance therapy and electropunctural diagnostics and therapy, for example Center of Intellectual Medical Systems IMEDIS, which produces all range of mentioned equipment. In Russia method of bioresonance therapy gained wide distribution thanks to researches and developments conducted by Center of Intellectual Medical Systems IMEDIS directed by Yu. V. Gotovskiy. First experimental works on development of bioresonance therapy were done in middle of 1980ies by the collective of developers of diagnostic and therapeutic equipment later formed as Center IMEDIS. In 1994 apparatus for bioresonance therapy IMEDIS-BRT for the first time was approved for production and application in medical practice in Russian Federation, and in 2000 Ministry of Healthcare of the RF approved methodical recommendations for bioresonance therapy. Conception of endogenous adaptive bioresonance therapy formulated and developed by Yu.V. Gotovskiy, based on meridional systematic approach to therapy of various diseases, is realized in equipment produced by Center IMEDIS. Along with creation of diagnostic and therapeutic equipment, collective of Center IMEDIS worked out principally new methodic approaches to application of bioresonance therapy for treatment of various pathologies as well as rehabilitations and sports medicine. The results of such work are used by Center IMEDIS for scientific research, development of educational packages for post degree training of medical doctors, and methodic recommendations. Bioresonance therapy is developing on the basis of experimental and clinical backgrounds at the modern level of knowledge. For example, one of the first researches in the area of bioresonance therapy in Russian Federation was the article of Prof. B. I. Islamov, entitled “BRT as method of non-pathogenic induction of protein synthesis in human blood lymphocytes”, published in 1995 in Reports of Russian Academy of Sciences, where it was shown that BRT restores synthesis of heat shock albumens in patients with stomach ulcerous disease, polyarthritis, spinal osteochondrosis, and that heat shock proteins responsible for development of autoimmune processes are also raised, e.g. an affect of similia is observed. During last 15 years a huge scientific research and practical work on application of the bioresonance therapy in clinical practice was done. Books, practical guidances, methodical recommendations, and articles in profile magazines were published. And candidate and doctorate works were fulfilled. Up to date results of experimental and clinical work will be presented during report.

Keywords: *Center IMEDIS, electropunctural diagnostics, bioresonance therapy*

HOMEOPATHY: ENERGY-INFORMATIONAL HOLISTIC VIEWPOINT

Lazar Trifunović

MD, BSc Homeopath, Private Medical Practice „Agora“, Novi Sad, Serbia
laki55@yahoo.com

Abstract. Homeopathy is a medical system founded by the German doctor and chemist Samuel Christian Hahnemann (1755 – 1843) who had profound insight into life, the human body, health and disease. Only recently modern scientific disciplines, such as quantum physics, have started to explain the discoveries to which Hahnemann came intuitively. Homeopathy, contrary to conventional western medicine, is based on the belief that humans are much more than their material physical body. Homeopathy recognizes levels of existence that are not perceivable by our five senses. The core of our being is made of energy, our vital force. It abides at the energy level, but manifests itself on three different levels. The most subtle level of its manifestation is the mental level where it manifests as thoughts, the next level is our emotional level where it manifests as emotions, and on the physical level its manifestation is material body. When the vital force is in its natural state of balance, its ideal state, it is manifested as mental, emotional and physical health. However, if our vital force is out of balance it is considered in homeopathy as disease. This disease will be expressed by our vital force as pathological symptoms on the mental, emotional and physical levels, extending the concept of disease that classical medicine upholds. For homeopathy disease is possible only at the energy level. Symptoms on the mental, emotional and physical level are only the external, visible manifestation of the disease. In homeopathy influences on the vital force that throw it out of balance are called miasms. Miasm is a word of Greek origin which means pollution, impurity, or stain. Hippocrates was the first to use word miasm to explain how diseases are spread by air, water, or other ways. If we treat a single case of pneumonia we can heal it as an acute illness without understanding of miasms. However, if it reoccurs with other illnesses of the respiratory tract, this means there is a tendency towards these diseases. Our aim is to address the tendency and we cannot heal it without the understanding of miasms. Miasms are pathological energy fields that influence the vital force and keep it out of balance. This causes a predisposition towards different kinds of diseases that occur repeatedly, or towards a chronic disease with various complications and the onset of low immunity. As miasms are energetic influences, they could be treated only by other energetic influences, which can be homeopathic remedies. The therapeutic effects of homeopathic remedies are not based on biochemical reactions as in classical medicine, but on the interaction of energies.

Keywords: *homeopathy, vital force, energy level, mental, emotional, physical, disease, symptoms, miasm, energetic influences, predisposition, chronic disease, homeopathic remedies*

CARDINAL CHARACTERISTICS OF TRADITIONAL CHINESE MEDICINE

Ana Žikić

MD, BSc Homeopath, University of Traditional Chinese Medicine, Beijing, China
anazikic6@gmail.com

Abstract. Traditional Chinese Medicine (TCM) has a history longer than 4000 years. During that time, it had gradually developed into a medicine with unique and integral medical system. Because of high effectiveness and possibility of prevention of disease, it shares an important place with Western conventional medicine in Chinese public health system and it also became very important part of world medicine. Nowadays, the growth and globalization of TCM are evident in all sectors, from application to education and training. Theoretical system of TCM has two cardinal characteristics: conception of holism and treatment determination based on syndrome differentiation. TCM holds that the human body is an organic whole in which all constituent parts are structurally inseparable, functionally interactive and coordinative, and pathologically inter-influencing. It recognizes the close relation between man and its natural and social environments. Syndrome differentiation is to analyze, differentiate and recognize the syndrome of disease. Treatment determination is to consider and formulate the corresponding therapeutic principle and method according to the result of syndrome differentiation. Diagnostic methods, “four examinations” which are being used in syndrome and disease differentiation, include looking, hearing and smelling, asking, pulse examination and palpation. Basic theories in TCM includes: yin and yang, qi and blood and five elements theory, internal organ and channel theory as well. The main parts of TCM includes: Acupuncture and moxibustion, Chinese materia medica, Chinese massage (tuina), dietology and Qi Gong. In 1972, the World Health Organization (WHO) nominated 43 kinds of indications of acupuncture and moxibustion to the whole world. After a lot of studies and evidence-based medicine being done, they further expanded and modified this list in 1978 and 1982, and sum up the indications of acupuncture and moxibustion to 300 species. Acupuncture is one of the most effective methods of relieving pain. It is giving very good results in treating diseases of muscles, bones, joints, nervous system, cardiac, respiratory, gynecological disorders... Chinese Materia Medica gives the system of using the Chinese medical herbs in forms of herb formula in order to treat different syndromes. Qi Gong is a science, a philosophy, a way of thinking. It is an art of maintaining good health and balance through aligning breath, physical activity and awareness. The basic principles of TCM remain the same, adaptation is always done in order to better integrate for the use of today's global society. It could have complementary nature to Western conventional medicine.

Keywords: *traditional Chinese medicine, acupuncture and moxibustion, holistic system*

MAN AS A QUANTUM-WAVE PSYCHOSOMATIC SYSTEM

Grigori I. Brekhman

¹ Scientific Consultant, The Interdisciplinary Clinical Center, University of Haifa, Israel;

² Professor, Grand PhD, MD, State Medical Academy, Ivanovo, Russia

grigorib@013.net

Abstract. The author considers the Man from a position of the theory of *wave-particle* duality of a matter. It has opened existence in a nature of ways of interaction and information interchange between genes, cells, persons, about which we did not suspect or knew a little. The concept of duality has allowed understanding the riches of the information contained in the man that has enabled to consider him as a *psychosomatic system* and to explain some features of thinking and behaviour of the people, sources of their talents and problems, and also feature of functioning in a society and relations with each other. In the certain measure the concept of duality gives an explanation of reasons of diseases, and gives interpretation to methods of treatment, which (despite of the efficiency) ascribe to alternative and do not admit by official medicine. Author describes the uterine myoma as a psychosomatic process, manifesting itself in ischemic uterus disease. He substantiated and used the holistic approach and nonstandard method of psychoelectroregulation in these patients which gave the long-term results.

Keywords: *theory of duality, genes, wave genetics, memory of water, cellular memory, biofield, man as a psychosomatic system, uterine myoma, psychosomatic disease, psychoelectroregulation*

PRENATAL BASES OF DEVELOPMENT OF SPEECH AND LANGUAGE AND PRENATAL STIMULATION

Mirjana Sovilj

¹ Director, PhD Defectologist, Institute for Experimental Phonetics and Speech Pathology, Belgrade, Serbia

www.iefpg.org.rs

iefpgmir@gmail.com

² Life Activities Advancement Center, Belgrade, Serbia

www.add-for-life.com/index.html

Abstract. This chapter globally discusses development of hearing and bases of verbal communication in prenatal period as well as postnatally, in the early prelingual phase – period of vocalization. It includes Milakovic's scheme of programming prenatal child, and discusses results of both our and foreign researches so far. It also offers critical review of psychological and linguistic theories of child's development, since none of them analyzed very significant prenatal period of development. It also points out the significance of prenatal period and stimulation of prenatal child, not only for postnatal period, but also for the entire behaviour during life. Particular emphasis was given to the relation of congenital, inbred and acquired in the development of speech and language, which indicates the necessity of simultaneous integral perception of articulation and acoustic process in speech-language communication. The chapter emphasizes the significance of prenatal communication mother-child. It includes experiments which indicate that prenatal child not only hears, but listens to spoken language, moves in response to it, memorizes and learns. It indicates interconnections and correlations of listening and movements which are primary for speech-language development of a child, not only in relation to the process of listening to speech, but also the process of articulation and meaning. The chapter offers short survey of the effects of prenatal stimulation and suggested activity for providing adequate staff in this field, as well as the level of organization of care of prenatal child.

Keywords: *prenatal development, speech and language, psychophysiology, acoustic theory, articulation theory, development theory*

A NEED FOR HOLISTIC APPROACH TO THE OCCUPATIONAL HEALTH DEVELOPING (IN SERBIA)

Mirjana Arandjelović

Professor, PhD, MD, Institute for Workers' Health Protection, Faculty of Medicine,
University of Niš, Serbia
amima@eunet.rs

Abstract. Countries in transition, such as Serbia, have been going through obligatory system reforms, including the reform of the healthcare system. As a rule, occupational health becomes marginalized by the authorities who decide on medical care. In spite of the fact that this branch of medicine cares for working population that mostly carries the burden of transition, when material situation equals the existential minimum, its potentials are not recognized. On the other hand, the World Health Organization makes a remark that such population's health is undermined now more than ever, and adopts a binding Global plan for member countries and their experts in occupational health to take urgent measures for overall working people's health according to their needs. It seems that former work method of biomedicine specialists could not realize such ambition. This paper discusses the possibilities of occupational health future orientation toward holistic medicine, for the sake of workers' well-being and better quality of their lives, then creation of more humane society and vocational affirmation. Health promotion at workplace and Salutogenic concept may have crucial roles. This concept is a huge challenge for academic public and vocational practitioners in poor countries in transition that are already burdened with the current economic and financial crisis. Each in their own way, helped by self-education and education, without big material investments, together they may take their countries to the road of health, the road still rarely taken, yet more secure.

Keywords: *holistic medicine, quality of life, philosophy of medicine, occupational health, salutogenesis, health promotion at workplace, transition*

SESSION C2

**SCIENCE AND SPIRITUALITY = OBJECTIVITY AND SUBJECTIVITY =
RATIONAL AND REAL = KNOWLEDGE AND WISDOM**

Igor Kononenko

Professor, PhD Computer sci., Faculty of Computer and Information Science, University of Ljubljana, Slovenia

<http://lkm.fri.uni-lj.si/xaigor/>

igor.kononenko@fri.uni-lj.si

Abstract. Both, science and spirituality are looking for the truth, but with completely different basic principles and methodologies. Science insists on objective descriptions of the world. This limits its scope to measurable, describable material world. Science deals with question “HOW universe operates” and develops various scientific theories that try to EXPLAIN. On the other hand, spirituality, stemming from various eastern and western traditions, deals with question: “WHY universe exists and what is the purpose of life”. It is necessarily subjective and relies on personal and intuitive sense. Its aim is the direct experience of reality in order to widen one’s consciousness. The spiritual seekers practice spiritual virtues like love, compassion, humility, faith, modesty, patience, courage, and sincerity. Mathematics defines strict boundaries for describable, rational (scientifically observable) world - corresponding to discrete world of natural numbers, while irrational world (subjectively observable) corresponds to the continuous world of real numbers. However, for the creative development in both material and spiritual world we need both: science and spirituality - they complement each other. In the words of Dalai Lama: mind and heart have to go together.

Keywords: *matter and consciousness, science confirms spirituality, the limits of science, teachers of wisdom, (in)direct experience, theory and practice*

ENTHEOGENIC SHAMANISM: ANTHROPOLOGICAL CATEGORY, TRANSPERSONAL DIMENSION OR PSYCHOTHERAPEUTIC MODEL

Časlav Hadži Nikolić

Professor, PhD Etnopsychiatry, MD, High School of Electrical Engineering and Computing, Belgrade, Serbia
caslawnikolic@yahoo.com

Abstract. The most significant dimension of entheogenic shamanistic ritual, being an essence of therapeutic practice in isolated groups of Amazonia, is that dimension which touches universal themes, from person's identity to its place in cosmic scheme. This experience is described as transcending borders of empirical reality, coming out the framework of profane existence and entering into realm of cosmic existence and meeting with most supreme principle. In psychology literature it is frequently called transpersonal experience, as being denoted a mystical experience in religious terminology. The question arises on characteristics of this experience (if it exists) in the framework of shamanistic concept, as according to many experts on shamanism it does not have this (mystical) component being exclusively oriented to practical purposes of healing. According to shamanistic practice in observed groups, these categories are not excluded mutually. On the contrary, they are complementary, with mystical or transpersonal experience in direct function of healing, if this healing is comprehended in the context of shamanistic concept of disease. As in this mystical experience a person is continuously returning back to his mystical trans-subjective roots and beginnings, a shamanistic return into myth past with myth scenes and symbols achieving significant relationship between a person and universe is completely reasonable. This transition from "here and now" into "there and then" means experience of transcending space and time limitations, i.e. coming out from narrow profane human framework and entering into realm of transpersonal experiences. In this context a shamanistic "road" which basically is searching for absolute, undoubtedly does have elements of mystical. Mystical, however, does not exclude practical goals of this road. On the contrary, mystical or let us call it transpersonal or integrative experience, is *complementary* in respect to these goals. In other words, this experience is in direct function of shamanistic action, in first place of healing.

Keywords: *entheogenic shamanism, anthropology category, psychotherapeutic model, transpersonal dimension, transpersonal healing, mystical experience*

REFLECTION ON THERAPIES AND RESEARCH POINTING FOR A NEW PARADIGM

Wallace Carvalho Liimaa

BEEE, Director & Founder, Private Agency, Recife, Brasil

www.saudequantum.com

wallacepan@gmail.com

Abstract. *We are living in a singular moment of the History of humanity. While the scientific and technological development increases quickly, the indicators of health of the world population are very bad and reach the worst rates in the contemporary history. Diseases like diabetes, cancer and cardiovascular diseases take dimensions of pandemics and the depression grows at alarming levels as well as Alzheimer, Parkinson, osteoporosis and many others that afflicts the modern world. We propose a reflection about therapies and scientific explorations that point for a new paradigm in which human beings are treated and fully covered in all their dimensions: (i) Investigation of Gabriel Cousen, with developed methods for healing diabetes in 21 days; (ii) Epigenetics of Bruce Lipton, proving that we are not hostages of genetics; (iii) Digital Biology developed by Jacques Benveniste, allowing to use information as a new aspect of vibrational medicine of the future; (iv) Discovery of neural plasticity, showing that we can, from enriched environments, increase the neuronal connections and influence the physical structure of the brain favorably; and (v) Discovery of biophotons by Fritz-Albert Popp, making possible to understand the language of cells and diseases such as cancer, and interpreted them in terms of vibrational medicine.*

Keywords: *diseases are taking pandemics dimensions, healing of diabetes, epigenetics, digital biology, neural plasticity, biophotons*

PEAT AND ENERGETIC AND SPIRITUAL (PSYCHO)THERAPIES

Živorad Mihajlović Slavinski

BA, Clinical psychologists, International trainer in the area of personal development,

Founder, Spiritual Technology, Belgrade, Serbia

www.spiritual-technology.com

zmslavinski@gmail.com

Abstract. Energetic (Psycho)Therapies is a common term covering a group of new alternative (psycho) therapies created in the past two decades, which are also called Meridian (Psycho)Therapies. They are based on the common observation of majority of practitioners that psychological and emotional problems can be understood as manifestations of energy disruptions of energy configurations in the human energetic field. In essence, systems of Energy and Spiritual (Psycho)Therapies represent an application of the energy and Spiritual paradigm to the removal of psychological and emotional aberrations, diseases, and other maladies. The proponents of these therapies believe that the causes of these aberrations are disturbances in the energy field (or aura) of a human being, fundamentally manifested as energy structures, which naturally manifest themselves neurologically, biochemically, cognitively, behaviorally and spiritually. The introduction of the energy/spiritual paradigm into the fields of psychotherapy and represent a quantum leap in the understanding of these important areas, since it makes us look at them from an entirely different viewpoint. Psychological traumas, persistent phobias, allergies, post-traumatic stress and other psychosomatic disorders, are resolvable far faster if we approach them as if they were disturbances in energy and spiritual fields, than if we start searching for their historical causes – as was characteristically done in earlier times, beginning from the Freud psychoanalysis. Changing the structure of the energy and spiritual fields that are at the roots of problems is enough to create healing or a shift in the Spiritual Consciousness. In this paper we shall mention few main systems of Energy psychotherapy and our method of Primal Energy Activation and Transcendence (PEAT), an expansion of consciousness and spiritual maturity and development. The most important discovery, which we demonstrate in PEAT is that every human being has one pair of most fundamental polarities – his/her Primordial Polarities or his/her Personal Codes. Without their integration there can't be the true psychological, emotional and spiritual freedom.

Keywords: *energy (psycho)therapies, PEAT, spiritual psychotherapies, traumas, persistent phobias, allergies, post-traumatic stress, integration of Personal Codes, getting to void as the core of human being, raising up the levels of consciousness etc.*

QUANTUM TRANSFORMATION

Sonja Simonovska

¹ Psychological counselor, Energy therapist, International trainer in the area of personal development,
Private Practice, Vienna, Austria

² Association of Doctors, Therapists and Counselors in the Health Sector, Vienna, Austria

³ Atman - Austrian Association for Integrative Breathing, Vienna, Austria

office@sonnenaufgang.co.at

www.sonnenaufgang.co.at

www.kvantna-transformacija.com

Abstract. Quantum Transformation is a practical application of the Two Points Method in the field of healing and life issues solving. Two Points Methods has its roots in the ancient Hawaiian spiritual technique of Huna, rediscovered independently by Dr. Richard Bartlet (Matrix Energetics) and Dr. Frank Kinslow (Quantum Entrainment), with a great contribution of Andrew Blake (QCT-Quantum Consciousness Transformation). Not only because it is easy, simple to use, and at the same time very effective, but also because of the possibility of combining it with other therapeutic and healing techniques, Two Points Method is spreading through Europe very quickly. When two distinct points on the body or aura get connected, Quantum waves are produced, initiating huge changes on all levels and in all areas of life. Quantum Waves initiation makes changes on a deepest level, altering our Matrix. The Matrix contains our deepest beliefs, in other words, fixed attitudes originated from individual consciousness and different life stages (the childhood, the prenatal period, the birth process, conception or inheritance - karma) and fixed attitudes derived from group or collective consciousness. Those subconscious beliefs are often opposed to our conscious beliefs and they are the main cause of our psychological and physical suffering, as well as many diseases. Faster transformation of subconscious beliefs can be achieved using Quantum Waves, which leads toward change of our reality. The essence of Quantum Transformation is pure consciousness. Pure consciousness is actually pure love. Quantum Transformation is a method that uses love energy for healing purposes. Quantum Transformation workshops, using quantum waves, meditation, music, movement and body work “teach us” through experience how to use the energy of love in healing and combining this method with other healing and energy based methods.

Keywords: *quantum transformation, two points method, quantum waves, quantum matrix, the matrix, the field, individual consciousness, group consciousness, collective consciousness, love, energy*

**INTEGRATIVE MEDICINE, ENERGY MEDICINE
IN DAILY LIFE AND WORK OF HEALTH PROFESSIONALS:
SUPER HEALTH PROGRAM & ACUPUNCTURE WITHOUT NEEDLES**

Silvia Saxer

MD, MSc, Public health & Health management, Expert in Energy medicine,
Founder, Association for Therapists of Integrative Medicine (ATIM)
modern.energymedicine@gmail.com
www.pranichealingnorway.com

Abstract. Our program is designed with the goal to enhance the quality of life and work for health professionals: by getting awareness, quality knowledge and skills for daily use in professional and private life in order to *prevent* potential harmful energy influence on the physical, mental, emotional body; and hence maintaining *natural health and vitality* with increased *potentials and skills*, better quality work, efficiency, cost reduction, thanks to usage of the *new knowledge, demystification of different „phenomena“ and abilities to see & feel & control our own energy being & environment – establishing etheric hygiene*. Life skill building Dr. Saxer – WHO Geneva, Uni Heidelberg, *Quality life and health* for all from 0-100, with contribution of modernized scientific knowledge and art – *Pranic Healing (PH), Master Choa Kok Sui (MCKS), External Chi Gong, Internal & External Health factors, Educators Education, Healthy & More Powerful Therapists*. PH therapy is a *scientific knowledge and art*, based on ancient 5000 years old secrets, originally modernized over 40 years, by scientist, MCKS, with published 30 books with unique original detailed knowledge and skills, 30 seminars, with wide range of topics and issues covered from top level quality therapy work seminars, with original protocol for every health condition, over 100 protocols, then highest level spiritual uplifting techniques, area of health and quality life for people, animals, farming, nature, climate, Planet, business, feng shui. All courses were patented and present in 100 countries. Explained *Levels in Chinese medical art*: from bottom to top, 1st acupressure, 2nd manual massage + aroma therapy, 3rd acupuncture, 4th electro-acupuncture & 5th Pranic Healing – moving energy art with no touch. Technique is legally allowed by our efforts in Serbian Ministry of health. *Man is energy being with its inner energy*, immersed in ocean of *outer energy*, affecting all. *Quality and quantity of those energies, molds our life and health*. Today, even with an ordinary digital camera, without any additional filters, we can record and show the existence of those energy fields. There are also special cameras for picturing energy in various colors. Usage of this relatively new *unique modern scientific knowledge and skills* can create *foundation & gate* towards *better health quality life, promotion & work practice*. Knowledge Federation is a great opportunity for that good start.

Keywords: *usage of energy medicine in daily life and work by health professionals, new foundation of truth with use of rather new scientific knowledge and skills for better health quality life & work*

HOLISTIC APPROACH TO SUSTANABILITY

Dušan Pavlović

MS Marketing, BA Economist, LITO, Agency for Education and Consulting, Belgrade, Serbia
sofi123@open.telekom.rs

Abstract. The ongoing global crisis is quite different in comparison with the Great Depression in the 20th Century. It is of far greater magnitude because huge imbalances have been created not only in the economic and social spheres, but also in the global environment, which is the condition for survival of humans and the other species of the planet. These imbalances have been created by human activities. Today, most scholars would agree that our behavior has been unsustainable, and that the problem of sustainability and sustainable development is the major task facing our civilization. When it comes to dealing with economic, social and environmental issues there are three basic approaches. The first approach is based on a belief that solutions are to be found within the system by introducing more comprehensive rules and regulations, standards of behaviour and development of new technologies. The second approach questions the system itself and proposes its change. The third approach is most radical. From that perspective, even the changes of the system are not sufficient. What is needed is the paradigm shift in all human activities: from reductionism in thought and behaviour, towards holism. In our discussion of the holistic approach we shall stress out that there two basic perspectives on holism, and that both of them address the relationship between unity and plurality. The central question is: what is meant by holism? Do we understand holism as unity based on a fundamental plurality, or plurality founded on an underlying unity? We shall argue that searching for the answers to these questions is not only of academic interest and importance but also the key for understanding the issues of sustainability and therefore, for our very survival and wellbeing.

Keywords: *global crisis, sustainability, sustainable development, reductionism, holism*

SESSION C3

INTEGRATIVE MEDICINE

Momir Dunjić

¹Docent, PhD Gynecologist, MD, School of Medicine, University of Pristina, Serbia

²President & Founder, Serbian Association for Integrative Medicine, Belgrade, Serbia

³President & Founder, Serbian Association for BDORT, Belgrade, Serbia

⁴Member, Int. Association for Promotion and Development of Quantum Medicine "Quanttes", Belgrade, Serbia
momirdunjic@yahoo.com

Abstract. Integrative Medicine (IM) is healing oriented and emphasizes the centrality of the doctor-patient relationship. It focuses on the least invasive, least toxic, and least costly methods to help facilitate health by integrating both allopathic and complementary therapies. These are recommended based on an understanding of the physical, emotional, psychological, and spiritual aspects of the individual. It is important to see the benefits and limitation of our current allopathic system and realize that science alone will not meet all the complex needs of our patients. The scientific method has and will continue to be our primary source of knowledge. We will improve our understanding if we integrate other sources of knowledge into learning process. IM involves using the best possible treatments from both CAM (Complementary and Alternative Medicine) and allopathic medicine, based on patient's individual needs and conditions. CAM is not synonymous with IM. In the USA and Europe and Asia over the last few years, numerous conferences are held in IM. Also in the USA and Europe, many medical schools have organized various clinical and educational programs of IM. In USA made Consortium of Academic Health Centers for IM consists of leaders from a group of medical schools who meet annually to discuss ideas on how to foster the rational introduction of IM into medical education and practice. The delegations of 47 School of Medicine, very soon will organize to call for fundamental changes in the way physicians of the future are being trained. In particular, we mention *Educational Initiative in CAM* at Georgetown School of Medicine: (i) *Examples of Basic Science Integration* (Anatomy: anatomy of acupuncture, massage; Human Physiology: biofeedback, neuromuscular manipulation; Human Endocrinology: stress reduction via imagery, meditation, breathing; Neuroscience: mechanisms of acupuncture action; Immunology: psychoneuroimmunology; Pharmacology: botanicals, dietary supplements, herb-drug interactions); (ii) *Curricular Topics in Integrative Medicine* (Systems of medicine such as TCM, Ayurveda and homeopathy; Nutritional medicine including dietary supplements; Manipulative medicine such as osteopathic and chiropractic; Energy medicine; Botanical medicine; Mind-body therapies such as hypnosis, guided imagery and meditation; Physical activity-movement therapy; Functional medicine). Serbia created the legal basis for the development of IM, but there is a need to create institutions starting with the Ministry of Health, and Institutes for Integrative Medicine at the Medical Schools and serious training programs and also research programs. Also required is the implementation of such programs in primary care.

Keywords: *Integrative Medicine (IM), Complementary and Alternative Medicine (CAM), education, primary care*

DECOLONIZATION OF ALTERNATIVE MEDICINE

Vuk Stambolović

¹ Retired Associate Professor, PhD, MD, Institute for Hygiene and Social Medicine,
Faculty of Medicine, University of Belgrade, Serbia

² Member, Committee for Regulation of Traditional Medicine, Serbian Ministry of Health
vukstambol@yahoo.com

Abstract. The relation of official and alternative medicine was changing according to the changes of socio-economic conditions. These changes, actually, have led the official medicine to colonize the alternative medicine. Nowadays, however, socio-economic conditions are enabling the process of decolonization. The decolonization of alternative medicine should be both professional and personal. Only merged those two aspects of decolonization could lead alternative medicine to quit the position of a minor, and official medicine to quit the position of an oppressive tutor.

Keywords: *official and alternative medicine: relations*

CRITICAL REVIEW ON THE POSITION OF TRADITIONAL MEDICINE IN SERBIA

Zlata Jovanovic Ignjatić

¹MD, Psychiatrist, BSc Homeopath, Certif. Acupuncture & Quantum medicine-MRT, Voll's diagnostics and therapy, Specialist Medical Practice, Belgrade, Serbia

²President, Acupuncture and Quantum Medicine Section, Serbian Medical Society

³Vicepresident & Co-founder, Int. Association for Promotion and Development of Quantum Medicine "Quanttes"

⁴Member, Committee for Regulation of Traditional Medicine, Serbian Ministry of Health

ordinacijadrzlata@yahoo.com

www.quanttes.org.rs

Abstract. Although the beginnings of the 20th and 21st century were characterized by two seemingly opposed kinds of medical sciences (the conventional medicine–CM and traditional medicine-TM), it is notable that CM, irrespective to its undoubtedly positive contribution, has had the tendency to look on the nature of illness only partially, thus ignoring the holistically oriented TM. However, numerous studies have shown that the majority of population surveyed had used some kind of TM, which means that there had been an integration of these two kinds of healing. The World Health Organization (WHO), by means of its policy "Health For Everyone Till 2000" as well as the resolutions adopted by the WHO and the regional committees' assemblies in Alma-Ata in 1978, sets as its primary task the program of TM's integration into conventional trends. So, WHO advises its members to formulate their national policy on TM, including evaluation of its practice and scientific audit of its efficiency and safety as well as enhancing of TM knowledge and skills; to educate and inform their communities about the proven TM methods. "2008 Beijing Declaration" was significant for promoting a safe and efficient application of TM. In accordance with the WHO recommendations, as well as the Serbian 2005 Law on Health Care and the 2007 Regulations, the area of TM has been defined. The Committee for TM, within the Serbian Ministry of Health, discusses and decides on the key issues regarding TM in Serbia. The emphasis is on associations, in terms of their responsibility for the good knowledge of their own members and for the respect they have to pay to the ethical and principles of good practice. Educational programs have been aligned with the licensed programs from the countries of their origin. They are carried out by the licensed lecturers or the copyright owners. Only the programs accredited by the Health Council of Serbia are run. Judging by the number of TM branches' school classes, TM education is nearing the specialist studies. In addition, there is an increasing need for the post doctorate education within medical and pharmaceutical studies, specialist studies as well as for the foundation of TM University. What also occurred as a big problem is the lack of the integration of the TM diagnosis and treatment into the CM protocols, as well as the problem of health insurance policy on refunding TM treatment expenses. The microwave resonance therapy (MRT), as a representative of the quantum medicine, despite of having a well formed educational basis, still does not have a firm position in an integrative health care system. In addition, it is still non-common neither in veterinary nor in the agricultural practice, although there are valid reasons for that (such as good effects in veterinarian therapy, biomass growth and plant germination).

Keywords: *integrative medicine, traditional medicine, holistic orientation, law regulations, microwave resonance therapy (MRT)*

TRADITIONAL MEDICINE IN SERBIA – EDUCATION

Slavica Arandjelović,¹ Zlata Jovanović Ignjatić²

¹MD, Certif. Acupuncture & Quantum medicine-MRT, Voll's diagnostics and therapy & Health Management;
President & Co-founder, Int. Association for Promotion and Development of Quantum Medicine "Quanttes";
Vicepresident, Acupuncture and Quantum Medicine Section, Serbian Medical Society
<http://www.quanttes.org.rs>
quanttesukm@yahoo.com

²MD, Physiatriist, BSc Homeopath, Certif. Acupuncture & Quantum medicine-MRT, Voll's diagnostics and therapy,
Specialist Medical Practice, Belgrade, Serbia;
Vicepresident & Co-founder, Int. Association for Promotion and Development of Quantum Medicine "Quanttes";
President, Acupuncture and Quantum Medicine Section, Serbian Medical Society;
Member, Committee for Regulation of Traditional Medicine, Serbian Ministry of Health
<http://www.quanttes.org.rs>
quanttesukm@yahoo.com

Abstract. The National strategy on introduction of traditional medicine (TM) in the Serbian integrative health care is determined by the Law on Health Protection of the Republic of Serbia (2005), the Regulation on detailed conditions for the implementation of continuing education for health workers and co-workers (2007), and the Regulation on detailed conditions, mode and procedure for the performance of the methods and practices of traditional medicine (2007). The aim of the study is to show the legislation on educational development of traditional medicine and the possibilities of integration with Western (conventional) medicine. The overview of Integrative Medicine regarding education in Serbia was made by means of insight into the laws, sub-normative acts and regulations on TM and programs of various professional non-governmental associations and Serbian Medical Society. The provisions on education and performance methods and procedures of TM and new methodologies that rely on TM are governed by the Law and Regulations. The Health Council of the Ministry of Health of Serbia is regarded as the highest level Accreditation Board for accreditation process of the continuing postgraduate medical studies included in the medical staff education. The Education Regulation stipulates the schools establishment and organizing of expert meetings within the Association. The TM Commission of the Ministry of Health of the Republic of Serbia approved the educational plan that regulates the number of classes and programs for each method. The schools are organized in a form of basic courses, higher level courses, and authorized basic and higher level courses. The Commission on TM of the Ministry of Health of Serbia reviews the work permit applications. The work permit is signed by the Minister of Health. On the basis of this permission, a license that allows TM medical practice over the next seven years is issued by The Medical Chamber. The accredited schools are: Quantum medicine, Acupuncture, Homeopathy, Microwave resonance therapy, Bioresonance (IMEDIS, MORA), BETA analysis, Voll's diagnostics and therapy, Thermo-diagnostics, Lithotherapy.

Keywords: *traditional medicine, legislation, education, accredited schools, quantum medicine, acupuncture, homeopathy, work permits*

SEMINARS IN PRIMARY HEALTHCARE CENTER "STARI GRAD" BELGRADE: CASE STUDY OF LARGE-SCALE INTEGRATIVE MEDICINE HEALTHCARE COMMUNICATION

Mirjana Mićović

¹MD, Pediatricist, Reiki Master Teacher, PR Integrative Medicine,
Primary Healthcare Center "Stari Grad", Belgrade, Serbia

²Member, National Association for Improvement and Development of Regenerative Medicine, Serbia

³Co-founder, Health Festival Belgrade, Serbia

Abstract. Primary Healthcare Center "Stari Grad" Belgrade started with its regular open Seminars on Integrative medicine in the beginning of 2009 (<http://dzstarihrad.org/dom-zdravlja/index.php?s=44>), awarded the best non-profit Wellness program in Serbia 2009, with motto: „For quiet dreams on Belgrade’s river banks“. Lectures of numerous specialists from Serbia and abroad were dedicated to prevention and healthy life-styles, with numerous techniques and approaches of acupuncture-based and consciousness-based quantum-informational medicine included... We shall discuss wider social impacts of Seminars on Integrative medicine in Primary Healthcare Center "Stari Grad" Belgrade, as a case study of large scale healthcare communication...

Keywords: *Primary Healthcare Center "Stari Grad" Belgrade, case study, large-scale healthcare communication, integrative medicine*

HEALTH FESTIVAL BELGRADE: CASE STUDY OF LARGE-SCALE INTEGRATIVE MEDICINE HEALTHCARE COMMUNICATION

Mirjana Mićović,¹⁻³ Danijela Davidov-Kesar^{4,5}

¹ MD, Pediatricist, Reiki Master Teacher, PR Integrative Medicine,
Primary Healthcare Center "Stari Grad", Belgrade, Serbia

² Member, National Association for Improvement and Development of Regenerative Medicine, Serbia

³ Co-founder, Health Festival Belgrade, Serbia

⁴ BA, Healthcare Journalist, Politika Newspaper, Belgrade, Serbia

⁵ Co-founder, Health Festival Belgrade, Serbia

ddavidov@politika.rs

Abstract. Health Festival Belgrade (www.festival-zdravlja.com) started in April 2010 and is organized twice a year, as spring and autumn manifestation, in organization of National Association for Improvement and Development of Regenerative Medicine (www.naurrm.org). Moto of Health Festival Belgrade is „Wake up! Think about your health“, and great part of contents and lectures is dedicated to prevention and healthy life-styles, with special attention to mental health. Festival has wide social and media support, and became recognized brand of Serbian capital, being visited by more than 10,000 people in a few days. In the framework of festival a numerous lectures of specialists from Serbia and abroad are organized. Many primary healthcare centers, private medical practices, hospitals, pharmacies, pharmaceutical producers, fitness, wellness and spa centers, ethno villages, everybody dealing with healthy nutrition, conventional and alternative medicine, are participating in the festival. We shall discuss wider social impacts of Health Festival Belgrade, as a case study of large scale healthcare communication...

Keywords: *Health Festival Belgrade, case study, large-scale healthcare communication, integrative medicine*

TV SERIAL AGAPE: CASE STUDY OF MEDIA COMMUNICATION ACROSS AND BEYOND DISCIPLINES

Aleksandar Gajšek,¹ Vladeta Jerotić^{2,3}

¹TV Journalist, BA, RTV Studio B, Belgrade, Serbia
aleksandar.gajsek@gmail.com
www.studiob.rs/tv

²Academician, Serbian Academy of Sciences and Arts, Belgrade, Serbia

³Retired Professor, MD, Neuropsychiatrist, Orthodox Theology Faculty, University of Belgrade, Serbia

Abstract. TV serial Agape started in October 2005 on RTV Studio B in Belgrade, by exclusive interview with late Serbian patriarch Pavle, and then continued by permanent guest, academician Vladeta Jerotić. Global theme is „Contemporary society and religion“, while subthemes are meaning, faith, marriage, family, pedagogy, media, love, narcomania, suicide, faith and disease, faith and nation, woman and man, dreams, life and death, magic and mystics, creativity... It is our wish to show that Christianity is not old-fashioned, and that it can be very useful to modern man suffering of identity crisis, to find meaning and truth. This TV serial is not dedicated exclusively to high-educated persons but to everybody interested to raise basic philosophical, religious, and existential questions: who am I, what is the meaning of my life, where am I going to... We shall discuss wider social impacts of TV serial Agape, as a case study for media communication across and beyond disciplines...

Keywords: *TV serial Agape, case study, media communication, society and religion, across and beyond disciplines*

**THE INTERFAITH DIALOGUE SERBIA – INDONESIA 2011,
POSITIVE EXPERIENCE IN SERBIA’S STATE POLICY**

Aleksandar Raković

PhD Historian, Ministry of Religion, Republic of Serbia,
Coordinator of the First Interfaith Dialogue Serbia – Indonesia
rakovic@gmail.com

ABSTRACT. In this paper are presented results of the First Interfaith Dialogue Serbia – Indonesia (Belgrade, 7–9 April 2011), the biggest ever interreligious meeting Serbia or Yugoslavia ever held on state level with foreign countries. The Republic of Serbia is a secular state, while The Republic of Indonesia is a “religious” state (but not a theocratic state). In the First Interfaith Dialogue Serbia – Indonesia participated: government and ministry officials, ambassadors, the highest religious leaders and theologians (Orthodox Christians, Roman Catholic Christians, Protestant Christians, Muslims, Hinduists and Judaists), university professors and other scholars. The First Interfaith Dialogue Serbia – Indonesia consisted from: interreligious conference, bilateral meetings, cooperation between universities and faculties of Serbia and Indonesia. The First Interfaith Dialogue Serbia – Indonesia gave the new, but very important level in Serbia’s state cooperation with foreign countries.

Keywords: *Serbia, Indonesia, interfaith dialogue, bilateral dialogue, theology, religion.*

SESSION C4

FREE WILL IN A QUANTUM CONTEXT

Miroljub Dugić,¹ Jasmina Jeknić-Dugić²

¹ Professor, PhD Physicist, BS, Department of Physics,
Faculty of Science, University of Kragujevac, Serbia
dugic@open.telekom.rs

² Assistant Professor, PhD Physicist, BS, Department of Physics,
Faculty of Science and Mathematics, University of Niš, Serbia
jjeknic@pmf.ni.ac.rs

Abstract. Typically, *free will* is a philosophical and theological an issue. Modern cosmology also tempts to say its word in this regard. In this paper we point out that ‘free will’ is of interest for interpretation of quantum mechanics as a universally valid physical (nonrelativistic) theory. Our aim is not to quantify free will – this is an issue of modern quantum information theory. Our aim is to emphasize some consequences of the traditionally (perhaps somewhat superficially) understood free will in the context of a new, emerging interpretation of quantum mechanics.

Keywords: *Free will, interpretation of quantum mechanics*

SIXTY: „NUMBERS ARE LETTERS BY WHICH THE UNIVERSE IS BUILT“
Classical-quantum and information physics approach to life and medicine

Djuro Koruga

Professor, PhD Biomed Engin, BEME, Head, NanoLab, Department of Biomedical Engineering,
Faculty of Mechanical Engineering, University of Belgrade, Serbia
dkoruga@mas.bg.ac.rs

Abstract. In this paper serendipity event is presented, which highlights Galileo's number importance: numbers are letters by which the Universe is built. In our case the simulative effect of the number sixty importance comes from contemporary science: nanotechnology of carbon materials with sixty atoms and molecular structure of clathrin in our brain. However, we found out that roots of number sixty lie hidden in thought of ancient civilization. Moreover, in some way sixty is the part of light ($c=\lambda \times \nu$) as ratio of spatio-temporal unity through wavelength (λ in *nm*) and frequency (ν in THz). If we use model of light, of both classical and quantum properties, as model of an existence (life) – then embryogenesis (as the primary quantum process) presents information processing which makes set up of events (with different probabilities) for a life after birth. Which one of these events will happen depends on probability of events in classical information processing during life. Classical and quantum probabilities are complements and compatible to each other. In everyday life this complex manifestation is given as our behavior based on interaction of real-imaginary and rational-irrational pairs dynamics (logic square of our fingerprint).

Keywords: *sixty, ancient civilization, light, molecule C_{60} , clathrin, quantum information processing, embryogenesis, medicine, life*

THE UNIVERSAL CODE AS A REALITY OF HOLISM

Miloje M. Rakočević

Retired Professor, PhD, BS Chemistry, Department of Chemistry,
Faculty of Science, University of Niš, Serbia

milemirkov@open.telekom.rs

www.rakocevcode.rs

Abstract. From ancient times it was thought that the codes and conventions are the basis of all cultural phenomena, and they have divided the world culture from the world of nature. The nature is governed by objective immutable laws, whereas the culture is produced by mutable conventions of the human mind. However, the discovery of the genetic code in the early 1960s, like a bolt from the blue, shown that the barrier between nature and culture does not exist. It turned out that the genetic code, in its essence, is a metaphor, a secondary structure such as a computer program which allows us to represent the physical and chemical properties of molecules writing only the binary numbers. In my researches of the genetic code, from early 1980s until now, I understood coding process as a correspondence between two systems, one realistic and second symbolic. Thus, the genetic code as well as periodic system of chemical elements appears to be only the aspects of a universal code which structure and composition is determined by the best possible symmetry, harmony and proportion. Later I viewed that the possible aspects of such a universal code can be found among the creations of the human mind, as there are examples of poetic structures and compositions of classical literature (Homer, Dante, Shakespeare, Goethe, Pushkin, Njegosh, Tolstoy ...); then the structure of Bible, I Ching and so on. In recent times I see that so-and-such universal code is noting else than the reality of a possible holism, which connection is just the subject of this communication.

Keywords: *code, convention, genetic code, universal code, holism, culture, nature, metaphor, symbolic system, symmetry, harmony, proportion, poetic structures, human mind, classical literature, Bible, I Ching*

ONTOGENETIC AND PSYCHOGENETIC INSIGHT INTO THE TRADITIONAL CHAKRAS DOCTRINE

Ljubo M. Ristovski,^{1,2} Gordana S. Davidović-Ristovski^{1,3}

¹ Association for Promotion of Bioenergetic Medicine "Biofield", Belgrade, Serbia

² Retired Professor, PhD Physicist, BS, Faculty of Pharmacy, University of Belgrade, Serbia

³ Retired Professor, PhD Physicist, BS, Faculty of Physics, University of Belgrade, Serbia
ristovski11000@yahoo.com

Abstract. As it should be expected, the doctrinal theories of traditional medicine obviously belong to the domain of metascience (metaphysics). It means that they are based on revealed truths, which are necessarily expressed by an symbolic and metaphoric language. On the other hand, scientific theories are based on perceived truths, which are expressed by the language, which necessarily excludes the metaphors and symbols. Therefore, symbolic statements, as well as revealed truth, *per definitionem* cannot be expressed in a rational way, i.e. metascientific content can not be fully expressed in a scientific manner. The aim of this paper is not to translate the traditional (metaphysical) Chakras doctrine into the language of science, but to point out that in that teaching exist the contents which can be scientific interpreted. Namely, Chakras teaching, could survive for so long, only because the practice findings supports it. The traditional medicine practice can not be always explained in a scientific way, but it can not be completely ignored, if they have survived for centuries and millennia, as it is case with Chakras teaching. Specifically, as it will be pointed in this paper, the scientific knowledge about the human ontogenesis and psychogenesis, can be unambiguously associated with the empirically established findings, which are implicitly included in the Chakras teaching. In addition, based on this correspondence, it is possible to come up to the concept of a psychogenetic explanation of (so called) opening and balancing of chakras. Finally, there are serious indications that the process of opening the chakras can be closely linked to psychiatric regression analysis.

Keywords: *ontogenesis, psychogenesis, chakra, metascientific, scientific, doctrine, symbolic language, revealed truth, gnosis*

REFLEXOLOGY

Drago Djordjević,¹ Dušanka Mandić²

¹ Assistant Professor, PhD, MD, Institute of Pathological Physiology, Faculty of Medicine,
University of Belgrade, Serbia
dragodj@med.bg.ac.rs

² PhD, MD, MADU Clinic, Belgrade, Serbia
www.madumagnet.rs
mandic.r@sbb.rs

Abstract. Reflexology is a science dealing with mechanisms of origin, development and acting of every kind of reflexes on the all levels of ontophylogenesis. It is interdisciplinary branch of biology, which has its subject, branches, sub-branches, principles, conditions and mechanisms. The subject of reflexology is research on all levels of ontophylogenesis: principles of functioning, mechanisms of origin, development and acting, as well as influence of all kinds of reflexes from the simplest to the most complex. Basic fields of reflexology are: medical reflexology, dentistry (dental) reflexology, veterinary reflexology, animal (zoo) reflexology, and fitoreflexology. Basic branches of reflexology are: reflexodiagnostics, reflexotherapy, reflexoprophylaxis, and reflexoergonomics. Basic methods of reflexology are: physioreflexology, hemioreflexology, and bioreflexology. Basic principles of reflexology are: holographic or quantum-holographic [Tao (holistic) conception or conception of unique wholeness], circulation of energy [meridian's (*Jing-Luo*) conception or conception of acupuncture channels (reflexogenic meridians)], ontophylogenetic (*Haeckel's law*), rhythmic functioning, self-regulation of the body systems, reverberation links (energetics and other influences), action-reaction, reflexogenic aferentation (conditional-unconditional reflex)... In Western medicine, reflexology is a treatment modality which employs only manual pressure to specific areas of the body, usually the feet and the hands, which are thought to correspond to internal organs, in order to generate positive health effects. However, in Eastern medicine and nowadays appearing Integrative medicine, reflexology is an application of any treatment modality on reflexogenic zones, reflexogenic points or reflexogenic meridians (e.g. digitopressure, acupressure, acupuncture, laseropuncture, magnetopuncture, magnetic hammer, moxibustion, cupping, etc.). In this holistic framework, each organism is considered as (quantum-holographic) unique wholeness whose health status is manifested by reflexogenic (acupuncture) zones and their (acupuncture) points, linked in paths of reflexogenic (acupuncture) meridians. Reflexogenic zones are exteroceptive projections of internal organs on the skin (head, nose, ears, palms, feet), mucous membrane (endonasal, gums, tongue) and iris. Reflexogenic points are locations in which is occurring energy exchange (transformation) with external environment according to the principle of functioning of "body channels" or reflexogenic meridians. Through reflexogenic points as mirrors of the organ status or some individual function, one can regulate disturbed energetic equilibrium between some of organs and body parts, also between wholeness of organism as mikrococosmos and its environment, macrocosmos. Morphofunctional basis of reflexogenic zones, points and meridians is ontophylogenetic linkage of internal organs and all systems in organisms with the most ancient energy-informational system, which is composed of the gap junction channels network.

Keywords: *quantum-holographic unique wholeness, ontophylogenesis, exteroceptive projection, reflexogenic zones, reflexogenic points, reflexogenic meridians, energy-informational system, gap junction channels network*

MADU MAGNETOTHERAPY

Dužanka Mandić,¹ Drago Djordjević²

¹ PhD, MD, MADU Clinic, Belgrade, Serbia

www.madumagnet.rs

mandic.r@sbb.rs

² Assistant Professor, PhD, MD, Institute of Pathological Physiology,

Faculty of Medicine, University of Belgrade, Serbia

dragodj@med.bg.ac.rs

Abstract. The ancient energy-informational holistic knowledge, as reflexology, acupuncture, ajur veda, tibetan medicine, korean medicine, is very useful in control of opening gap junction channels - prainformative centers in the organisms. The knowledge accumulated through the centuries of the human history is explained and scientifically approved in the 1980s. The subtle influence of the permanent magnetic field, oriented by the North pole to the body surface, belongs to this quantum-informational holistic practice: It increases and improves physiological processes and thus stimulates regenerative processes. One of contemporary novelties in medicine, based on the above ancient techniques, is the new health technology which includes application of "Trap for shell fragments" patented 1995 and "MADU strips" (MAGnetic Deep Unipolar oriented field) patented 2000 by D. Mandic, and acclaimed as the new health technology in 2007 by Serbian Ministry of Health. This kind of therapy represents new medical technology, subtle, holistic, noninvasive, quantum-informational, complementary to acupuncture and other traditional medicine methods, and could be applied as additional therapy together with contemporary medical procedures. It is ecological friendly and long lasting, applicable in hospitals, outpatient units, and even in the field therapy conditions. Having in mind the experience gathered and its effects on local and global level, this type of magnetotherapy belongs to the future.

Keywords: *medicine, quantum-informational medicine, magnetic fields, MADU method, gap junctions, regeneration*

CHIROPRACTIC AND HOLISTIC APPROACH TO HEALTH

Petar Dinic

¹ MS, MD, DC, B CAO, Private Medical and Chiropractic Practice „Life“, Belgrade, Serbia

² President & Founder, Serbian Chiropractic Association, Serbia

<http://hiopraktor.com/index.html>

npdinich@yahoo.com

Abstract. Chiropractic was established in 1895 in the USA, when Daniel David Palmer, who was spiritual and energy healer, made first adjustment of the spine with the new method which was called chiropractic. Today chiropractic is one of the leading alternative or complementary methods of healing in the world. In more than 20 schools and Universities only in the USA and much more in other countries around the world, students are learning (during 5 years of studies), about the philosophy, science and art of chiropractic adjustments. The main focus of chiropractic is spine (back pain, neck pain, headaches) and pain that has sceleto-neuro-musculoskeletal origin, but often chiropractic can help those who have also other health problems. Three major philosophical principles of chiropractic are: vitalism, holism, and naturalism. Vitalistic principle in chiropractic assumes existence of Vital force, which in chiropractic we called *Innate Intelligence* (similar to Qi in Chinese medicine). Innate Intelligence or “innate” as a part of *Universal Intelligence* is acting mainly through the nervous system, creating the state of health or disease. We are all created to be healthy (not sic) and to have joyful and happy life and the only thing that can interfere with this is *misalignment* or “subluxation” which block the free flow of innate - nerve impulses (energy and vibrations), which put body in state of *dysfunction* and consequently disease, which is followed at the end with the symptoms. By definition and philosophy most conventional medical doctors (practicing allopathic medicine) tend to view good health primarily as a physical state where there is no obvious disease present. In contrast, chiropractic doctors, recognize true health as the optimal state of physical, mental, emotional and spiritual well-being. Holistic principles of chiropractic therefore require from us to look at the *whole person* and not only on its symptoms, which last comes and first goes away. Naturalistic principle of chiropractic is saying that: “Only the power that creates us can heal us”. Therefore, we have to look for more natural ways of treatment, without depending heavily on drugs and surgery. With more holistic and less materialistic-mechanistic approach to health, chiropractic is looking forward to share her holistic insights with other quantum-holistic methods, looking for better understanding and explanations of some “intangible” phenomena, such as Innate Intelligence, that she has often hard time explaining by paradigm of classical science. Chiropractic innately knows that quantum-informational medicine with consciousness based holistic approach, as well as energy-vibration medicine and mind-body approach, has paramount importance for bringing us that missing link and opening the door for better understanding of the real cause of the disease process, from non-physical perspective and out of *limited reality* that classical mechanistic scientific paradigm offers. In some near future this can brings us closer to the *source* of all diseases and helps us to understanding better: “Who we are and Why we are here”? This can provide us than with new tools for healing our individual and collective consciousness and re-connecting with our true self, nature, God and whole Universe. Better understanding of our consciousness, spirit (life force – innate), and soul, as the part of the brain and/or body experience, or as our “*extended self*” (aura, unified field of energy and vibration), will strengthen our quest for meaning and complement our mature spirituality. It is for us to hope that this quest will ultimately bring us transformative insights for better health and for the birth of a *new wisdom*.

Keywords: chiropractic, health, Innate Intelligence, Universal Intelligence, holism, limited reality, extended self

THE ANALYSIS OF BIOLOGICAL SIGNALS AND GENETICALLY DETERMINED FUNCTION OF AUTONOMIC NERVOUS SYSTEM

**Branislav Milovanović MD PhD Prof Chief & Founder,^{1,2} Vera Radivojević MD,¹
Slavica Mutavdžin MD,¹ Bojan Milovanović MD,¹ Tatjana Krajnović MD¹**

¹Neurocardiological Laboratory, Cardiology Department,
University Clinical Center Bezanijska Kosa, Medical Faculty, University of Belgrade, Serbia

²Society for Neurocardiology of Serbia
branislav_milovanovic@vektor.net

Abstract. It is very known fact that according to some new studies hypertension and resting heart rate are genetically determined. According to some studies heart rate variability is the constant related to type of autonomic pattern. Owing to this fact that function of autonomic nervous system is constant, the treatment of diseases could be evaluated using different groups related to type of dysfunction. This is the first but very important step in the development of general principles of personalised medicine. In order to reveal right type of autonomic disorder we used short and long term of HRV analysis with special Ansa Scan Software. A comprehensive study protocol was done including finger blood pressure variability (BPV) and heart rate variability (HRV) beat-to-beat analysis and nonlinear analysis, 24-hour Holter ECG monitoring with QT and HRV analysis, 24-hour blood pressure (BP) monitoring with systolic and diastolic BPV analysis, cardiovascular autonomic reflex tests, cold pressure test, and mental stress test. The patients were also divided into sympathetic and parasympathetic groups, depending on predominance in short term and long term spectral analysis. In the second level of treatment of patients, we used drugs which are in complementary relationship to the type of autonomic pattern.

Keywords: *autonomic nervous system, biosignal processing, sympatho-vagal polarity, genetic aspects*

NEW NANOTECHNOLOGIES FOR BRAIN STIMULATION AND IMAGING

Gordana Vitaliano,¹ Franco Vitaliano²

¹MD, MSc Psychiatrist, Department of Psychiatry, McLean Hospital, Harvard Medical School, Belmont, USA
gvitaliano@mclean.harvard.edu

²BEEE, Director & Founder, EXQOR Technologies Inc, Boston, USA
mindwaves@vxm.com

Abstract. Intermolecular multiple quantum coherence "iMQC" methods have been used to enhance the contrast of conventional Magnetic Resonance Imaging (MRI) and improve its resolution. It has been shown that MR images based on detection of iMQC (e.g., zero-quantum iZQC and double-quantum iDQC) give tumor enhancement in rat brains and novel contrast in human brain imaging. Intermolecular double quantum coherences (iDQC) correspond to simultaneously flipping two water spins in the *same* direction, while intermolecular zero-quantum coherences (iZQC) correspond to simultaneously flipping two water spins in the *opposite* direction on distant molecules. Dipolar couplings of proton spins in two water molecules separated by distances ranging from 10 microns to one millimeter can yield detectable MRI signals in the brain. Thus, this MRI method provides clear evidence the wet and thermally noisy brain can support detectable quantum coherence. However, externally induced quantum coherence has never been used for treatment of brain diseases. Currently used brain stimulation techniques (e.g., ECT, TMS, VNS, DBS) cannot stimulate specific subcellular neuronal structures that are implicated in brain diseases. We are developing a new noninvasive method to produce quantum coherence in specific neurons in vivo via bio-nanoparticles with encapsulated hyperpolarized noble gases and/or ¹³C-elements. By inducing quantum coherence in "diseased" neurons our method will enable neurons to simultaneously sample all the potential energy pathways and choose the most efficient one, meaning they can retreat from wrong "diseased" pathways to the healthy one. Our nanopatform uses the natural protein clathrin that is present in every cell. Clathrin was modified to carry C13 and C14, plus targeted ligands. We showed that Clathrin-nanopatform could non-invasively cross the blood brain barrier and target specific brain cells (e.g., dopaminergic neurons). We plan to apply iMQC methods with hyperpolarized C13-clathrin nanoparticles to further show that sustainable quantum coherence in specific neurons is feasible via nanoparticle-induced spin-spin coupling in vivo. These bio-nanoparticles could be used to exploit brain quantum mechanical effects for both diagnostic and treatment purposes. Quantum sensors could be developed for detecting various brain diseases, and also in analyzing genotypes, phenotypes, metabolic actions and states, and different cell types and proteins. This new quantum cognitive processing sensor could also be developed to instantly comprehend chaotic, ambiguous situations, sort and classify their component elements, and use its intelligence as a means to adapt and develop new diagnostic and treatment capabilities for different CNS diseases.

Keywords: *nanoparticles, hyperpolarized ¹³C-clathrin, MRI, intermolecular multiple quantum coherences, brain stimulation*

CONSCIOUSNESS-BASED HOLISTIC ORIENTED APPROACHES TO PSYCHOTHERAPY

Snežana Milenković

¹ Professor, PhD Clinical Psychologist, Department of Psychology,
Faculty of Philosophy, University of Novi Sad, Serbia

² EU Certified Psychotherapist, President & Founder, Serbian Society for Integrative Art Psychotherapy
nenam@eunet.rs

Abstract. Discussed here is creative challenge faced by the new profession of psychotherapy in a new millenium. Creation of consciousness-based holistic spiritual/transpersonal psychotherapy without ego is that challenge. It means basically the transformation of consciousness, of the inner feeling of one's own existence, as well as the release of the individual from all kinds of conditioning imposed upon one's by society. It's characterised by transformation, self-transcendence, and expanded consciousness in which treatment is targeted primarily to the spiritual/transpersonal dimension.

Keywords: *Integrative Art Psychotherapy, art, creativity, image, authenticity*

SCIENCE AND BODY PSYNTESIS HOLISTIC APPROACHES

Ljiljana Klisić,^{1,2} Anja Djordjević³

with

Ana Ristović,⁴ Nebojsa Milićević,⁴ Sladjana Djordjević,⁴ Jelisaveta Rogošić,⁴ Biljana Jokić,⁴
Maja Lekić,⁴ Saša Bogdanović,⁴ Elena Kuzmanović,⁴ Nikola Djordjević⁴

¹ Professor, PhD Medical psychotherapist & psychologist, BA Clinical psychologist, European University, Belgrade, Serbia

² EU Certified Psychotherapist, President & Founder, Serbian Association for Body Psychotherapy
www.tepsyntesis.org.rs
eklasic@sezampro.rs

³ BA Adult education, Member, Serbian Association for Body Psychotherapy

⁴ Members, Serbian Association for Body Psychotherapy

Abstract. In TePsyntesis Body Psychotherapy Training school there is lot of research with aim to *measure the effects*. Results show its applicability in dealing with psychological problems as well as with psychosomatic disorders. Finally, we strongly support *research in psychotherapy and personal growth* approaches, but at the same time we point out needs for their evaluations by scientific methods.

Keywords: *Consciousness-based holistic approaches & techniques, Body-Psychotherapy, TePsyntesis*

SELF-REINTEGRATION, AN QUANTUM-BASED ENERGY (PSYCHO)THERAPY, FOR THE TRANSCENDENCE OF DUALITY*

Paula Márcia Ferreira Baccelli Reis

BA Clinical Psychologist, Private Psychotherapy Practice, Uberlândia, MG, Brasil

www.espacodaalma.blogspot.com

www.euvceuniverso.com.br

Abstract. The author presents a new therapeutic technique, which fits in what are called Energy (Psycho) Therapies or Meridian (Psycho)Therapies. Based on scientific studies by various authors and her own clinical experience, author discusses the new paradigm of science, which accepts the consciousness as the creator of matter and its importance to a renewal in the way we think about health and illness, the various states of consciousness with which we are affecting and being affected constantly, and the duality of mind that is characteristic of all quantum objects and responsible for various fragmentations of the human psyche or mental creations.

Keywords: *energy (psycho)therapies, meridian (psycho)therapies, duality, paradigm, self, reintegration, fragmentation, mental creations*

* *In absence*

**QUANTUM INFORMATION SELF-ORGANIZATION AND CONSCIOUSNESS:
A HOLOINFORMATIONAL MODEL OF CONSCIOUSNESS
Homage to Sir John Eccles, Nobel Prize in Medicine***

Francisco Di Biase

¹ Professor, Grand PhD, MD, World Information Distributed University, Belgium

² Honorary Professor, Albert Schweitzer International University, Switzerland

³ Professor, Post-Graduation Dept., UGB Universidade Geraldo Di Biase - Volta Redonda, Rio, Brasil

⁴ Department of Neurosurgery-Neurology and Computed Tomography, Santa Casa Hospital, Rio

⁵ Department of Electroencephalography and Brain Mapping, Clínica Di Biase, Rio de Janeiro, Brasil
dibiase@terra.com.br

Abstract. The author proposes a holoinformational view of consciousness based on the holonomic theory of brain function and quantum brain dynamics developed by Karl Pribram, Sir John Eccles, Hameroff, Jibu and Yasue, and on the quantum-holographic and holomovement theory of David Bohm. This conceptual framework is integrated into the non-local information property of the Quantum Field Theory of Umesawa, to the concept of negentropy, order, and organization developed by Shannon, Wiener, Szilard and Brillouin, and to the theories of self-organization and complexity of Prigogine, Atlan, Jantsch and Kauffman. Wheeler's "it from bit" concept of a *participatory* universe, and the developments of the physics of information made by Zurek and others with the concepts of statistical entropy and algorithmic entropy, related to the number of bits being processed in the mind of the observer, are also considered. This new synthesis gives a self-organizing quantum non-local informational basis for a new model of consciousness in a participatory universe. In this synthesis, consciousness is conceived as a meaningful quantum non-local information interconnecting the brain and the cosmos, by a holoinformational field (a field at the same time non-local holistic (quantum) and local (Newtonian)). We propose that we are this very non-local quantum-holographic cosmos that manifests itself through our consciousness, interconnecting in a participatory holistic and indivisible way the human brain to all levels of the self-organizing holographic multiverse.

Keywords: *holoinformational model of consciousness, quantum information, non-locality, self-organization, medicine, transpersonal psychology*

** In absence*

QUANTUM-HOLOGRAPHIC ENERGY SYSTEM & RESONANCE BIOFEEDBACK*

Bjørn J Øverbye

PhD, MD, Therap. Acupuncture, Magnetotherapy, Energy medicine,
Arendal Helsesenter, Arendal, Norway
bjorn@dr-overbye.no

Abstract. According to the recent theory by professor Dejan Raković, the human mind-body system is constructed in such a manner as to produce vibratory electromagnetic energy patterns that add up to a holographic field that can be described by quantum mechanical formalism. This is also in accord with practical experience of the author who for 10 years has used electro-acupuncture and resonance-biofeedback to diagnose and treat diseases. Our technical equipment shows us that the information system of the human body is arranged as a hierarchical holographic system that is reflected in the electrical activity of the meridians and in frequency patterns in organs and tissues. This paper investigates an important aspect of the quantum holographic information system: the self-regulatory, quantum level, vibratory signals-system known as the meridians. It also investigates their fractal nature known as the ECIWO principle (Embryo Contained in the Whole Organism). The quantum nature of the system is reflected in the fact that the human bio-energy system reacts to ultra weak energies either taken from the body itself that are weaker than the -120dB noise-level of our technical equipment; and from radiation from substances and homoeopathic dilutions!

Keywords: *quantum-holographic body-mind energy system, ECIWO, resonance biofeedback, energy medicine*

* *In absence*

**APPLICATION OF ELECTROPHOTON CAPTURE (EPC) ANALYSIS BASED ON
GAS DISCHARGE VISUALIZATION (GDV) TECHNIQUE IN MEDICINE:
A SYSTEMATIC REVIEW***

Konstantin G. Korotkov,¹ Dmitrij V. Orlov,² Bernard O. Williams³

¹ Professor, PhD Physics, St Petersburg State University of Information Technologies, Mechanics and Optics, Russia
President, Founder, International Union for Medical & Applied Bioelectrography

<http://www.korotkov.org>

kk@korotkov.org

² Assistant, BS Physics, St Petersburg State University of Information Technologies, Mechanics and Optics, Russia

³ Dean, Professor, PhD, BA, Energy Medicine University, Sausalito CA, USA

President, Center for Environmental Energy Medicine Studies, Lawrence KA, USA

<http://energymedicineuniversity.org>

bermeyw@ku.edu

Abstract. We present the literature search regarding ElectroPhoton Capture (EPC) analysis based on the Gas Discharge Visualization (GDV) technique in conventional medicine, psycho-physiology, alternative medicine and research studies. Systematic review has revealed that EPC/GDV method is being used in many different applications in these fields of study and shows excellent or very good results, having already found diverse correlations between EPC/GDV parameters and various medical, psychological and physiological parameters in humans. The investigations showed that the GDV-method delivers valuable holistic diagnostic information on the functional state of patients, allows monitoring their state and constitutes a convenient and easy holistic method for conducting preventive examinations of individuals, professional training and control in various areas of application.

Keywords: *ElectroPhoton Capture (EPC) analysis, Gas Discharge Visualization (GDV) technique, holistic diagnostics, literature search, systematic review*

** In absence*



Dr. Dino Karabeg
Associate Professor, University of Oslo, Norway
www.knowledgefederation.org dino@ifi.uio.no
Dr. Dejan Raković
Professor, University of Belgrade, Serbia
www.dejanrakovic.com rakovid@etf.rs
tel +381 11 318 5320 and +381 64 127 0237

KNOWLEDGE FEDERATION DIALOG BELGRADE 2011

Workshop by Associate Professor Dino Karabeg and Professor Dejan Raković

Join us for a special event – Knowledge Federation Dialog Belgrade 2011. Imagine a world where the insights and methods of quantum medicine are integrated in mainstream healthcare; and where the experiences and the wisdom of healing and spiritual traditions are allowed to inform the conventional lifestyle and culture. What can we do to help this natural and needed development become reality? In Knowledge Federation we have turned this question into a collection of collaborative strategy games. We create projects that are game-changing, each in its own domain, and we provide just enough structure to allow individual contributions to add up to a shared goal, which is characteristically a change of practice. So, the strategy behind our Tesla and the Nature of Creativity (TNC) project may be understood by analogy with the way how large improvements to legal practice are commonly made in the US and Canada (an example is the court case that tobacco industry lost recently at the Supreme Court of Canada): a certain specific law suit is carefully prepared and taken all the way to Supreme Court. In the TNC project (http://www.knowledgefederation.org/TNC_Prototype) we develop a case for quantum medicine and the corresponding worldview by focusing on a specific academic result – Dejan Raković's model where quantum-informational medicine is used to explain the 'deep creative insight' – a phenomenon manifested in unusually high degree by inventor Nikola Tesla. Around Raković's result we develop a complete methodology and infrastructure by which an academic result from any specialized area (here quantum-informational medicine) may be

- explained in terms that are accessible to general public,
- expressed as an idea in an idea graph and made available online for everyone to comment and work with,
- linked with other related ideas and results,
- developed into general insights that can inform policy- and lifestyle change,
- brought to the attention of academic and other communities where it may have large impact,
- brought to the attention of the media and the public,

or in one word, we are developing a method by which an academic result may be *federated*. As participant in this workshop you will be invited to give your creative contribution to the TNC project. The dialog technique we will be using is an adaptation of the dialog technique developed by physicist David Bohm; we loosen the usual academic constraints on discourse and allow our human voices and our lived experiences to shine through. The authentic anecdotal material that will be contributed in this way will be an asset in our undertaking to make a good case for the media and the public. At the same time, this less constrained and more personal meeting will help us augment our own sense of reality and purpose; and it will also strengthen our personal ties and community.

Prof. Dr. Dino Karabeg is Associate professor at the Institute of Informatics, University of Oslo, Norway. Since 1995 he has been developing an approach to put systemically suitable knowledge work into practice, through an international community and project called Knowledge Federation.

Prof. Dr. Dejan Raković is Professor at the Faculty of Electrical Engineering, University of Belgrade, Serbia. Since early 1990ies he has been developing a quantum-informational framework for consciousness and acupuncture, with significant psychosomatic-cognitive implications.