Amsterdam , The Netherlands Saturday April 2 in Park Boswijk in Doorn

Bone Health and Aging

By Dr. med. Wolf-Dieter Kessler

Summary:

Aging is aging of our bones. Bone aging is called osteoporosis. First thing people may feel is that they shrink a little and do not pay much attention to it. Further they start feeling insecure with balancing the body, all over weakness, life quality is decreasing by vertigo, insecure walking, cannot get out of a car easily, cannot carry items up the stairs, increasing bone and joint pain, fractures, pain pills 24 hours a day, corset, weak immune system, wheel chair, hospitalization, and tremendous side effects of chemical medications with new fractures and even cancer. People become helpless and desperate. This presentation will show that there is a true and safe alternative with no side effects whatsoever. Based on the same principle as the MRI, a simple method - specific electro dynamic fields - can be used to rebuild bones and fractures in fast forwarding. People usually become pain free within a week. The preventative power of PEMF- pulsating electromagnetic fields - to improve life quality, is priceless.

Dear guests and staff members,

A special thanks to Andre le Gras for making this presentation possible.

Why am I here? Looking back to my 36 years of practising medicine and specializing in chronic diseases, I have seen many ailments, I had many questions, I had many frustrations not understanding and not accepting conditions my patients had to deal with. My medical career started in the early seventies with a scholarship of the German Research Society and I was sent to the Montefiore Hospital in New York. In Montefiore, as a center for lung transplant, I happened to be part of the transplantig team with the order to do the electron microscopical research on human and canine transplanted lungs. The paper published was the first to show which lung cells discharged the surfactant, a detergent like substance which prevented the alveoli from becoming obstructed by lung water.

After three years, however, I realized that human medicine was dealing with about 80% chronic diseases such as asthma, rheumatism, glaucoma, osteoporosis etc. For all of these conditions there were neither satisfactory answers nor solutions.

I decided to dedicate my time and efforts to the exploring of these conditions. I looked for complementary and alternative options when there were no conventional solutions. Once I started to use Iridology, homeopathy, electrodermal screening methods and others, both I and my patients found ourselves much less frustrated. New energy sprung up when my patients started to respond to treatment as they never responded before. Again and again I understood, that a chronic disease most likely was the result of some health disorder which had started many , many years

ago and was mostly forgotten by the patient. However, Functional Medicine brought these things to the surface and guided me and the patient to follow a layer by layer pathway. You are now not far away from understanding that the same disease could have completely different roots in different patients. Accordingly it had to be treated individually. Usually there is a lot of work and effort needed for each individual condition and patient. That is why I created and trained a competent team. Knowing that - by all means – I alone would be totally incapable to do that job all by myself. For a long time we were a staff of 20 and have now cut back to a team of 13. Two essential partners of mine are with us today, my wife Antje and Karin van Hülsen , ND who is the chief of staff.

For 25 years we have been working together in order to find standard methods to simplify treatment. In other words: as most of the diseases have to be treated individually, varying from patient to patient, there was the question whether a condition such as aging in general needed a standard treatment compatible for anybody. For instance: was there an option to treat osteoporosis – bone aging – with a standard procedure which would guarantee a positive result for everybody? If one can reduce bone aging, the whole physical and mental condition of the patient will improve. The American Osteoporosis Foundation states that there are about 44 million people affected by severe or lesser bone loss in the US.

Bone aging goes along with aging in general, increasing instability of the person, insecurity because of physical instability, vertigo, impaired sleep, weak immun system, fractures, pain, corsette, hospitalization, helplessness – in short: decreasing life quality.

Conventional therapies fail in 90% as shown recently in an international study by GfK. The backbone of conventional therapies are Calcium, vitamin D* ,Phosamax, and analgetics (pain relief). All of these are extremely dissatisfactory. Phosamax is very dangerous, ineffective and may cripple you:

- * Eye problems such as blurry vision, pain and swelling
- * Thigh bone fractures and osteonecrosis of the jaw
- * Liver damage and renal (kidney) failure
- * Atrial fibrillation
- * Esophageal cancer
- * Hypocalcemia (blood calcium levels are too low)

Not until about five years ago we found the answer. In order to improve life quality and to counteract bone aging and osteoporosis we could use a specific wave system. With a specific frequency code we had safe and guaranteed access to even get a patient pain free within a week. There were no side effects whatsoever.

This remarkable fact is hard to believe. However, I will share with you the scientifc groundwork which had been established mainly by two people: Professor Harold Saxton Burr from Yale University, USA and William Ross Adey MD, an Australian-American physician. Later there had been extensive studies of bone treatment with pulsed electromagnetic fields by Bassett and al. which were very promising. Thousands of patients had been successfully treated. Before Bassett died, he published a paper expressing his deep frustration about the obstructive behavior of the FDA in the United States (James Oschman). Blue Shield in Mississippi performed numerous studies on successful bone treatment with pulsed electromagnetic fields.

So this method is not new. New is a special frequency code in combination with a specific applicator which guarantees access to osteoporosis in prevention and treatment. Patients with pain and fractures become pain free and stable within a week.

It was a professor at Yale University, Harold Saxton Burr, who did the groundbreaking research some 40-50 years ago. When he learnt that a frog could regrow an amputated limp the same way the salamander does it. You only must provide a negatively charged electromagnetic field for the frog the same way the salamander builds it up by himself in case of amputation. Then the frog will regrow a leg, too.

Burr then tested all kinds of living species, plants, trees, animals, and humans. The result was his statement that any live has its roots in a pulsating electromagnetic field. The field is the matrix which serves as a blueprint for any organic structure or chemical reaction. He called it L-field or Life – field.

Accordingly, if you support and boost that field, live functions will unfold.

The other groundbreaking scientist was William Ross Adey, a medical doctor, who discovered that a very low frequency and intensity for induction is needed in order to evoke a cellular response. To his honor this frequency and intensity tunnel is called "Adey Window".

As a summary: if you stimulate the electromagnetic field of an organ or body with another specific field, using very low frequency and intensity, you kick start response. Response means: chemical reactions, enzymatic activity, and tissue repair

Once I understood that, I also understood that if I yell at my wife, she does not do anything. When I whisper, she does everything for me.

The ONDAMED technology honors these facts plus it uses a specific fequency code which has proven to work without failure in osteoporosis (Kessler, van Huelsen et al., 2006)

The mechanisms in quantum physics have been described in numerous presentations in (<u>www.dr-kessler.com</u>) both under speeches/publications and Dr. Kessler's e-book on ONDAMED In short: if two matching fields interact and meet in space, a new signature is formed through space resonance phenomena. The new signature is like a key to kick start both chemical and neuronal actions (Milo Wolf, Fraser)

Millions of suffering people worldwide could benefit both from prevention and treatment if they only hear this message.

Thanks to Rolf Binder, the inventor of ONDAMED and to you for letting me share this with you, today.

Acknowledgements

- Adey, W.R.: Zelluläre Mikroumgebung und Signale durch die Zellmembran. Med. Abtlg., Californien 92357, Prog. Clin. Biol. Res. (USA) 1988, 257, p 81-106, ISSN 0361-7742
- **H.S.Burr, Neville Spearman**, : London, 1972, Bibliographical Appendix, *Blueprint for Immortality The Electric Patterns of Life*
- **H.S.Burr, Neville Spearman**,: London, 1972. Foreword. *Blueprint for Immortality The Electric Patterns of Life*
- Adey, W.R., Lawrence A. F.: Wechselwirkung nicht linearer Wellen-Mechanismen zwischen erregbarem Gewebe und Elektromagnetischen Feldern. Neurol. Res. 1982, 4 (1-2), Seite 3 115-53ä. ISSN 0161-6412, Journal Code: N Y 9
- **Fraser et al:** Decoding The Human Body Field, Healing Arts Press, Rochester, Vermont, 2008
- Kessler, W.-D.,: ONDAMED Advanced Training Seminar, Hilton Garden Inn, Newburgh, New York, June 11-13, 2010, <u>www.dr-kessler.com</u>, speeches/publications
- Kessler, W.-D.: e-book on ONDAMED, March 20, 2010, <u>www.dr-kessler.com</u>
- **Oschman, James L.:** Energy medicine, 2000, Churchill Livingstone, page 75
- **Wolff, Milo** : Exploring the Physics of the Unknown Universe: An Adventurer's Guide. Manhattan Beach, California, Technotran Press, 1990
- Markov, Marko S. "Expanding Use of Pulsed Electromagnetic Field Therapies." Electromagnetic Biology & Medicine 26.3 (2007): 257-274. Academic Search Complete. EBSCO. Web. 10 June 2010.
- Mooney, V. "A randomized double-blind prospective study of the efficacy of pulsed electromagnetic fields for interbody lumbar fusions." Spine 15.7 (1990): 708-712. MEDLINE. EBSCO. Web. 10 June 2010.
- **CHAPLIN, Joyce E.** The first scientific American; Benjamin Franklin and the pursuit of genius. Perseus, Basic Books. 421 p. illus. notes, index, c2006.0-465-00956-5.
- Inoue, S, et al. "Electret induced callus formation in the rat." Clinical Orthopaedics And Related Research 124 (1977): 57-58. MEDLINE. EBSCO. Web. 10 June 2010
- **Bassett CA, Pawluk RJ, Pilla AA**. Acceleration of Fracture Repair by Electromagnetic Fields. A Surgically Noninvasive Method. Ann N Y Acad Sci 1974;238:242-62.
- **Bassett CA, Pawluk RJ, Pilla AA**. Augmentation of Bone Repair by Inductively Coupled Electromagnetic Fields. Science 1974;184:575-7.
- **Bassett CA, Pilla AA, Pawluk RJ.** A non-operative salvage of surgically-resistant pseudarthroses and non-unions by pulsing electromagnetic fields. A preliminary report. Clin Orthop 1977;124:128-43.
- **Bassett CA, Mitchell SN, Norton L, Pilla A**. Repair of Non-Unions by Pulsing Electromagnetic Fields. Acta Orthop Belg 1978;44:706-24.
- Mackenzie, Donald, and Francis D Veninga. "Reversal of delayed union of anterior cervical fusion treated with pulsed electromagnetic field stimulation: case report." Southern Medical Journal 97.5 (2004): 519-524. MEDLINE. EBSCO. Web. 10 June 2010.
- **Bose, B.** "Outcomes after posterolateral lumbar fusion with instrumentation in patients treated with adjunctive pulsed electromagnetic field stimulation." Advances In Therapy 18.1 (2001): 12-20. MEDLINE. EBSCO. Web. 10 June 2010.
- Blue Cross & Blue Shield of Mississippi: "Pulsed electromagnetic field systems with FDA PMA include the EBI Bone Healing System® from Electrobiology, Inc., which was

first approved in 1979 and indicated for nonunions, failed fusions, and congenital pseudarthroses; and the Cervical-Stim® from Orthofix, which was approved in 2004 as an adjunct to cervical fusion surgery in patients at high risk for non-fusion."

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- **Foley KT et al.,** Randomized, prospective, and controlled clinical trial of pulsed electromagnetic field stimulation for cervical fusion Spine J, vol. 8, 436 442, 2008
- Simmons, James W, Jr, Vert Mooney, and Ike Thacker. "Pseudarthrosis after lumbar spine fusion: nonoperative salvage with pulsed electromagnetic fields." American Journal Of Orthopedics (Belle Mead, N.J.) 33.1 (2004): 27-30. MEDLINE. EBSCO. Web. 10 June 2010
- Boopalan, PRJVC et a., Pulsed electromagnetic field (PEMF) treatment for fracture healing, Current Orthopaedic Practice. 20(4):423-428, August 2009. doi: 10.1097/BCO.0b013e318198e8b2
- REC Rose, BA Bryan-Frankson: Is There Still A Role For Pulsed Electromagnetic Field in the Treatment of Delayed Unions and Nonunions. The Internet Journal of Orthopedic Surgery. 2008. Volume 10 Number 1.
- Dante Dallari et al., Effects of pulsed electromagnetic stimulation on patients undergoing hip revision prostheses: A randomized prospective double-blind study, Bioelectromagnetics, 30-6 [423-430], 2009 DOI: 10.1002/bem.20492
- Masieri, Federica Francesca (2009) New Insights and Possible Therapeutic Implications of Adenosine Analogs and Pulsed Electromagnetic Fields (PEMFs) in Osteoarticular pathologies. PhD thesis, Università degli studi di Ferrara.
- Simmons, James W, Jr, Vert Mooney, and Ike Thacker. "Pseudarthrosis after lumbar spine fusion: nonoperative salvage with pulsed electromagnetic fields." American Journal Of Orthopedics (Belle Mead, N.J.) 33.1 (2004): 27-30. MEDLINE. EBSCO. Web. 10 June 2010
- Thomas, AW; Graham, K; Prato, FS; McKay, J; Forster, PM; Moulin, DE; Chari, S (2007). <u>"A randomized, double-blind, placebo-controlled clinical trial using a low-frequency magnetic field in the treatment of musculoskeletal chronic pain"</u>. *Pain research & management : the journal of the Canadian Pain Society = journal de la societe canadienne pour le traitement de la douleur* 12 (4): 249–58. <u>PMID 18080043</u>.