

Abstract

Pulsating Electromagnetic Frequencies - PEMF - for Osteoporosis

By Dr. Wolf-Dieter Kessler

The results of improving osteoporosis with PEMF are stunning. Pain management, stability to walk, stability to get out of a car, mobility, ability to carry items up the stairs, and osteodensity using PEMF (Pulsating Electromagnetic Frequencies) are extremely promising. Pain usually ceases within a week's treatment.

The improvement of all parameters is dramatic and swift. Application of PEMF is simple and requires a 10 minute training for the therapist since the proper access frequency code for osteopenia is known.

Both electric and magnetic therapy for fracture 'non-unions' were granted the 'safe and effective' classification by the US Food and Drug Administration (FDA).

Any Anti-Aging concept must consider the option of PEMF since there are over 12 million patients with osteoporosis in the US today.

The dramatic pain relief and improvement of the osteoporosis patient when using *Pulsating Electromagnetic Frequencies* (PEMF) is a medical breakthrough.

The simple, genius method leaves the patient pain free within a few sittings. Patients who suffered from excruciating ongoing pain despite analgetics including morphine will find a life, pain free, with increased mobility.

The PEMF access code for osteopenia and osteoporosis is known. Fractures heal in fast forwarding.

In the 1950s and 1960s, there was a resurgence of medical interest in electric and magnetic therapy. After considerable effort by scientists at a number of research centers (Brighton et al 1981, Basset et al 1982), both electric and magnetic therapy for fracture 'non-unions' were granted the 'safe and effective' classification by the US Food and Drug Administration (FDA). To obtain this status, many studies were done to document the success, lack of side effects and mechanisms of energy field methods (James L. Oschman, Energy medicine, 2000, Churchill Livingstone, page 75)

The author has experience treating osteoporosis for over 10 years. All patients responded well to treatment and became pain free. Osteodensity increased. This new study on 5 new patients shall show the unsurpassed therapeutic success with PEMF.

Our study observed 5 patients with severe osteoporosis. Causes were post-menopausal osteoporosis, osteoporosis after long term prednisone treatments, and osteoporosis due to intake of Tamoxifen after breast cancer removal. Prior all patients have been fruitlessly treated with Biphosphonates, Vitamin D, Calcium, dairy products, estrogens, and all kinds of alternative supplements.

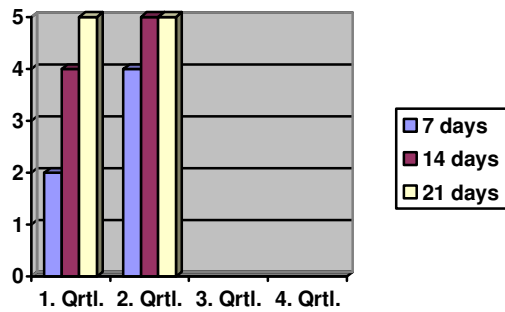
The positive results across the board in every single case were so dramatic that I like to share this with you, today.

Parameters of the study were:

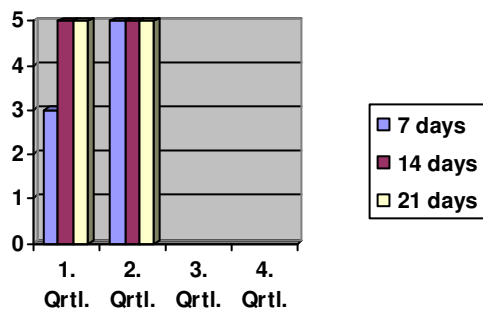
- 1. Pain management**
- 2. Stability to walk**

- 3. Stability to get out of a car
- 4. Mobility
- 5. Ability to carry items up the stairs
- 6. Osteodensity

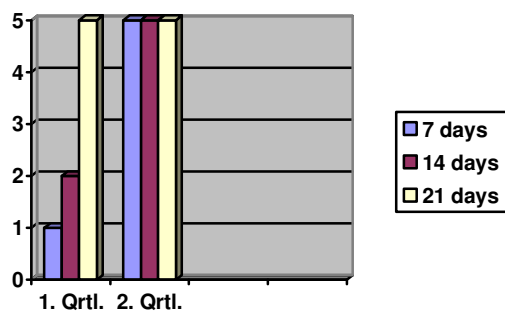
Pain management
Figure 1



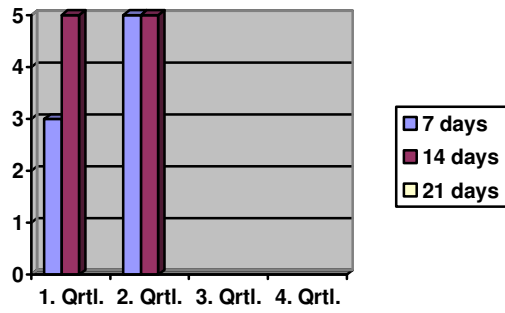
Stability to walk
Figure 2



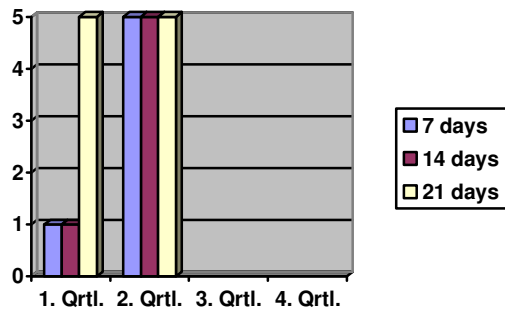
Stability to get out of a car
Figure 3



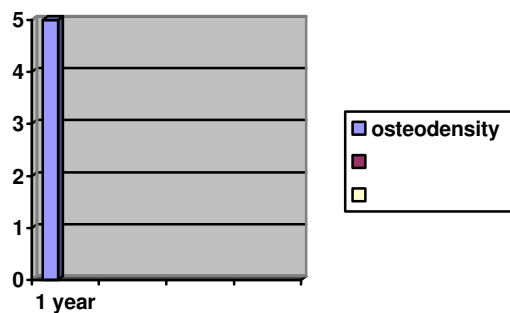
Mobility
Figure 4



Ability to carry items up the stairs
Figure 5



Osteodensity after 1 year
Figure 6

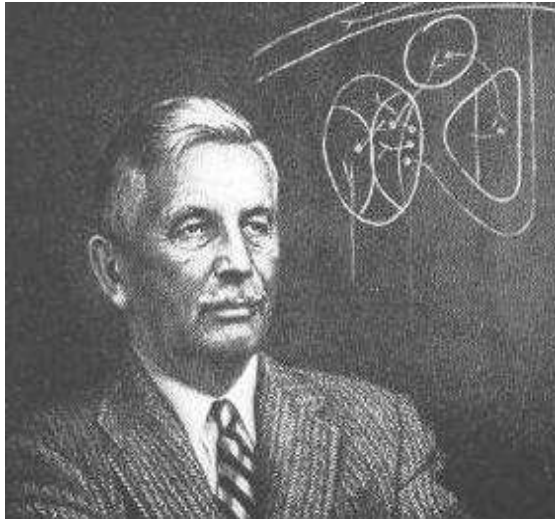


The therapy result left the patients dumbfounded.

How does this method work?

When we talk about "Aging" or "Anti-Aging" we are bound to think in terms of structure. When a building is aging, its structure does. The same happens with our bone structure.

Not until Harold Saxton Burr, Professor of Anatomy at Yale University School of Medicine, discovered the em field as the matrix of living species, we consider the structure – the matrix of our tissues *the electromagnetic field*. The field seems to control every chemical and neuronal activity (Burr, Fraser)



Saxton Burr, Yale University

In 1932, Burr's observations of neuro-cellular proliferation in the amblystoma led him to propose the "electro-dynamic theory of development" for which he is now most widely remembered. 1935 saw the publication of his general papers (with F.S.C. Northrop) "The electro-dynamic theory of life" and (with C.T. Lane) "Electrical characteristics of living systems".

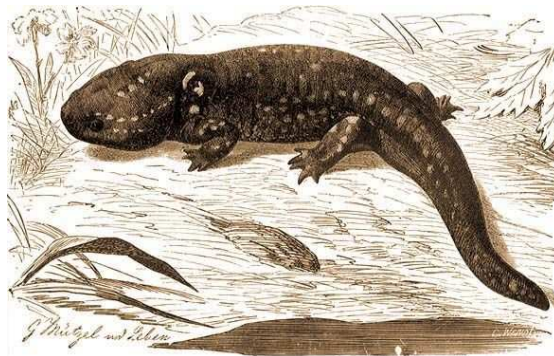


Figure 7: Saxton Burr and salamander

Amblystoma, the larval form of any salamander

However, the trick to rebuild and boost the electrodynamic field structure lies in specificity of frequency and intensity.

We must pay the honor to the Australian scientist, William Ross Adey. In their investigation, Adey and Bawin found a range of frequencies and intensities in which treated cells respond. Outside these areas, however, made no or minimal response. The experimentally determined frequency will now be described Adey window.

Adey showed that only impulses of specific low intensity and frequency would jump start cellular and tissue actions. The range of the "Adey" or "biological window") is roughly 3 - 25 Hz

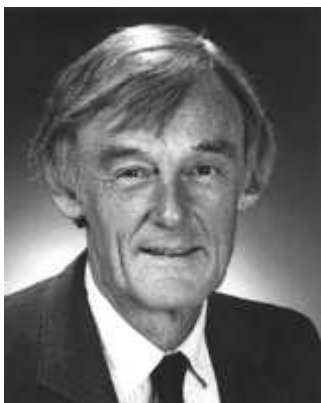


Figure 8 : William Ross Adey, M.D. (* 31. January 1922 in Adelaide; † 20. May 2004)

Also, the Adey window corresponds very closely to the fundamental and first couple harmonics of the earth's naturally occurring frequencies.

The Adey Window

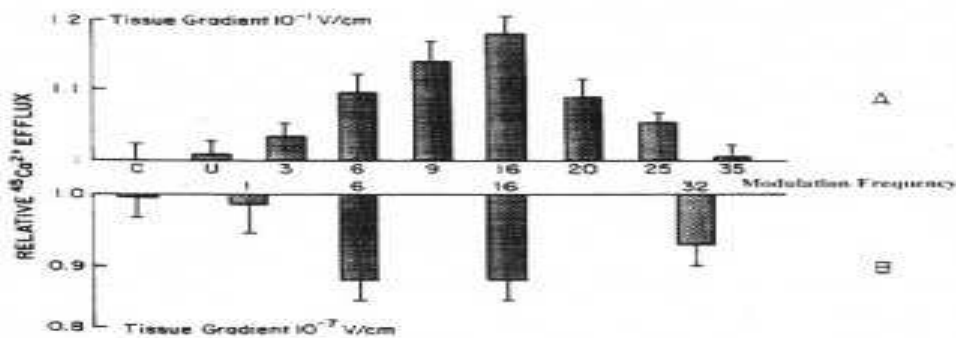
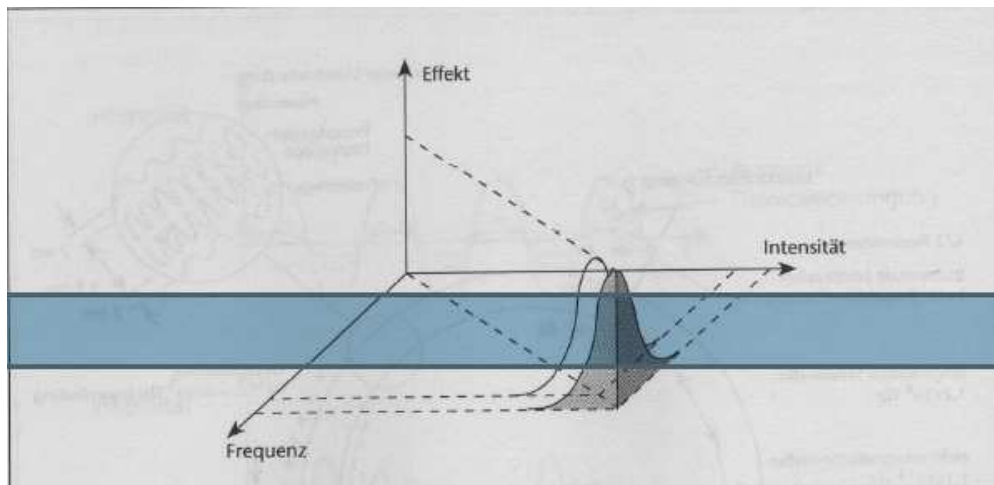


Figure 9: The Adey Window of Biological Frequencies (3-25 Hz)

In osteoporosis a concert of extreme low frequencies (ELF) and the adjusted low intensity do the job. The code of the frequency cocktail for rebuilding osteoporotic structure is known. The patient becomes pain free within a few days.

What is behind all that?

Frequency, very simply, is cycles per second and is usually measured in Hertz. Anything periodic has a frequency and is usually measured in Hertz.

Disease can be considered as a field distortion (Burr, Fraser), field damage, or field blockage. Each organ has its own specific quantum electro-dynamic field. We also use the magnetic field to produce an image (MRI). Since each organ has a different field, the MRI can contrast the organs differently.

So we clearly see different fields, different organs in different contrasts.

Imagine you would inhale asbestos. The lung field would be interfered by out-of-phase waves of the asbestos which will distort and damage the normal electromagnetic field of the lung. The same with our bone field. A multitude of unknown factors are damaging and distorting the bone field. Ergo, since the field is the master control, the matrix of tissue structure, bone structure will be lost. PEMF provides specific information to the bone field. Metabolism is jump started again. Pain ceases instantaneously.

ABOUT INFORMATION

In quantum physics, information is rendered if two or more *matching* wave systems become entangled in space and form an interference pattern. The interference pattern is the key-structure which would only resonate to certain other field structures and metabolic processes, cellular structure, organelles etc. (fields) of the body.

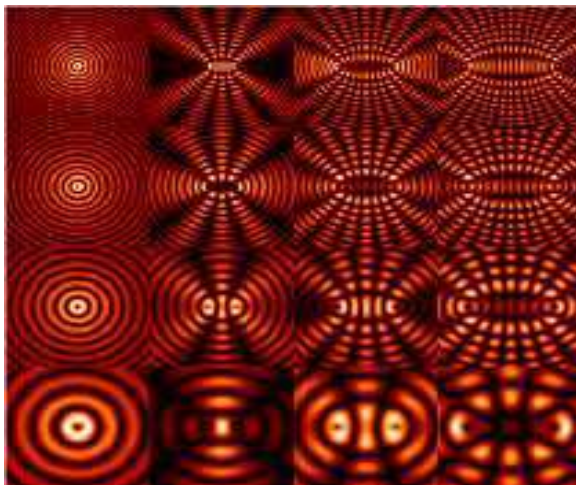


Figure 10 : Waves create interference patterns. Interference patterns convey information, for the shape of the medium in which the two or more waves are moving together changes as a result of their interaction. Over time, the waves move apart from their centers (right column), but areas of destructive interference remain stable. The pattern is like a signature or key which causes the new interference pattern (wave) to resonate at a very distinct permittivity or dielectric constant. Thus it will couple with certain other structures (bone) if it matches with those wave systems.

Waves do not have to be of the same amplitude in order to match. They could match on a different levels (octaves).

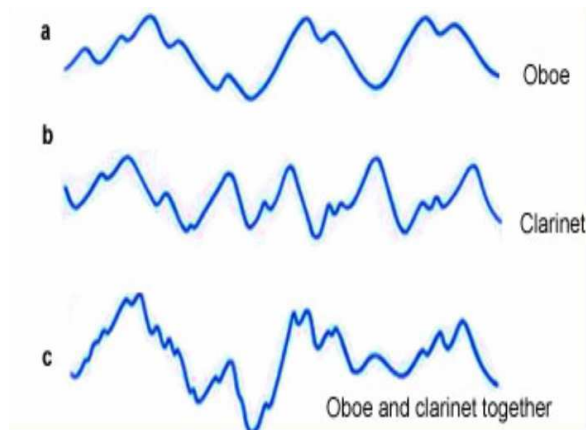


Fig 11: Two different matching waves form a harmonious signature which would resonate to different wave fields than before. The combined oboe and clarinet wave would stimulate and resonate with other brain parts than the clarinet alone. PEMF is based on physics, quantum physics, quantum electro-dynamics information in particular, not chemistry. It is FDA registered as and effective in bone fractures.

As a review:

There is no chemical process taking place without preceding quantum entanglement, energy, and information transfer. Information and energy transfer is rendered when two matching wave systems get entangled and consequently change the structure of space (Milo Wolff).

Think of the information given in photosynthesis: the chlorophyll protein must be excited first by specific light quanta in the range of 400nm and 600nm in order to kick start electronic activity which then leads to build up of sugars and starch. Apparently the chlorophyll molecule only resonates to photons of specific wave length.

As a resume: healing takes place by production of resonance, correct information (interference pattern of couples oscillators) , and energy and information transfer. Energy and information transfer originates at the interaction points between two oscillators. If everything would stay equal and the same, there could not be a gradient for flow of energy or information. The specific (electronic) car key would be missing.

Coupling goes along with phase shift, change of structure, time and space and is the source for energy transfer and information. Information is the new signature (interference pattern) of the new coupled oscillators. The new coupled structure has a different resonating quality (dielectric constant or permittivity). Consequently it will resonate with very distinct structures.

As a resume: healing takes place by production of resonance, correct information (interference pattern of couples oscillators) , and energy and information transfer. Energy and information transfer originates at the interaction points between two oscillators. If everything would stay equal and the same, there could not be a gradient for flow of energy or information. The specific (electronic) car key would be missing.

Figure 12. Out-of-phase waves distorting a meridian field (wave system)

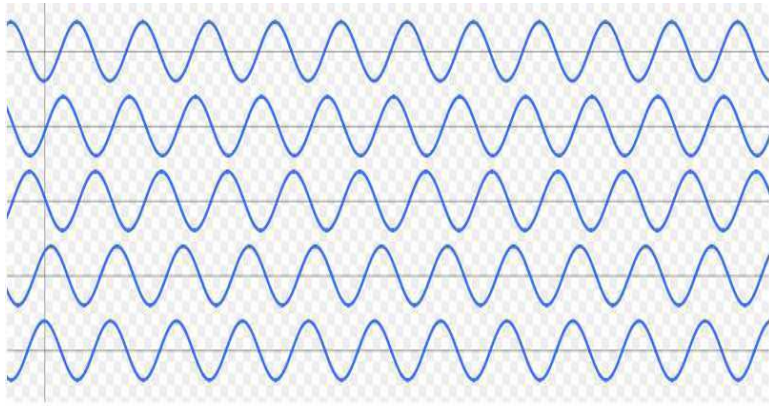
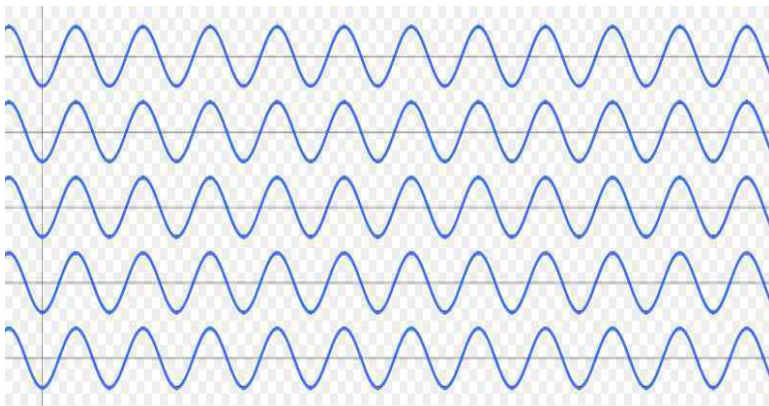


Figure 13. In-phase-waves (re-established meridian field)



Osteoporosis occurs in 1 of 4 postmenopausal women. One out of every four women over the age of 60 experience a bone fracture due to osteoporosis and 17 percent of those who sustain a hip fracture die within three months of the fracture.

Current conventional therapeutic attempts for osteoporosis:

- n **Vitamin D, calcium, vitamin K2, and magnesium levels can help both heart and bone considerably.**
- n **Fosamax**
- n **ERT Estrogen Replacement Therapy**
- n **TRT Testosterone Replacement Therapy**
- n **Para-thyroid hormone**

Side effects of Fosamax

***Femur Fractur or Jaw Osteneclerosis.**

***Ulceration of the esophagus; this may require hospitalization and intensive treatment.**

***Stevens-Johnson syndrome and toxic epidermal necrolysis, eye problems (uveitis, scleritis)**

***December 31, 2008, the FDA reported alendronate and related drugs may carry an increased risk for esophageal cancer**

GfK REPORT - most astonishing conclusions :

about osteoporosis among 531 osteoporosis patients in the Netherlands.

- 1. 91% of the Osteoporosis PATIENTS do NOT see any advantage in using meds.**
- 2. Pain is the most dominant problem(60%) for patients**
- 3. 70% live in fear for fractures**

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