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Microbes and Metals Addressed by Klinghardt Matrix Therapy and Microcurrent Therapy



© By Eve Greenberg, MA, LPC, Staff Reporter for EXPLORE! Publications, USA

Detoxification of the extracellular and intracellular matrix was highlighted at a seminar entitled The Klinghardt Matrix Therapy on October 14-16, 2005 in Redmond, Washington, sponsored by Dietrich Klinghardt, MD, Ph.D. and the Institute of Neurobiology (Bellevue, WA). According to Dr. Klinghardt, "making neurotoxin elimination a major part of my practice has been an amazing experience. Many illnesses considered intractable respond when the related issues are successfully resolved."

Dr. Klinghardt described the matrix as including all anatomical and functional components of the extracellular environment, including blood vessels, lymph vessels, autonomic nerves, sometimes sensory or motor nerves, fibroblasts, collagen, elastin, glucosaminoglycans and other proteoglycans, cell membranes of neighboring cells, cells of the immune system (mostly TH-1), nutrients and informational substances on their way into, or away from, the cell.

The increase in neurological diseases we are seeing today has to do with the increase of microbes inside us, said Dr. Klinghardt. He explained that insects carry microbes because of changes in our environment. For example, he said, we do not have the kind of cold winters we used to have. Sprays kill people and make the bugs more resistant.

Toxins and Microbes Hand In Hand

Microbes set up housekeeping in the matrix in areas which have become toxic. These areas are not patrolled by the cells of the immune system and yet are equally vulnerable to toxic substances as other healthy cells of the organism are. Many microbes have learned to live and flourish in the presence of high levels of toxins. Nutrients pass into the cell easily when the matrix is clean. When defective, transport is impaired. Microbes and toxins are the basis for most or all auto-immune diseases, said Dr. Klinghardt. Microbial byproducts and toxic metals act as haptens. They attach themselves to the cell wall and mark the cell for the host's immune system as foreign. This cell will become a target for the immune system and will be attacked.

Mercury alone is toxic, said Dr. Klinghardt. Together with zinc it is many times more toxic. Add in a little copper and silver, as in dental amalgam fillings and the detrimental effect to the body increases manifold. The toxin-induced impairment of our immune system allows microorganisms to enter our system. Once established, they are hard to conquer and removing the causative toxin is no longer enough. According to Bechamp's milieu theory, for each equivalent of stored toxins there is an equal amount of pathogenic microorganisms in the body. The flare-up of previously hidden infections occurs regularly during mercury detoxification. For example, patients who are infected with *Borrelia burgdorferi*, the spirochete that causes Lyme disease, are often unaware of their illness. They start to become more symptomatic during or after a successful mercury detoxification program. The same is true for infections with mycoplasma, streptococci, tuberculosis and others. It is important to anticipate the temporarily enhanced growth of microorganisms during a successful detox program.

Then there is a latent period in which the microorganisms are already recovered, but the host's immune system is not. During this time, the practitioner has to prescribe appropriate antifungal, antibacterial, antiviral and antimycoplasmal medications in natural form. These include freeze dried garlic, bee propolis, colloidal gold and microbial inhibition microcurrent frequencies. Microcurrent frequencies help because bugs recognize each other through frequency, not biochemical signatures. Microbial inhibition frequencies entrain the body to recognize microbes instead of self.

It is also important to be aware that the immune system in a patient with unresolved psycho-emotional material and compartmentalized toxins is unable to recognize and eliminate the microorganisms present in the toxic areas of the body. For each unresolved psycho-emotional conflict or trauma there is an equivalent of stored toxin and an equivalent of pathogenic microorganisms.

To successfully detoxify the body the three issues have to be addressed simultaneously. The triad of detoxification,

according to Dr. Klinghardt, includes detoxification of the physical body, treatment of latent micro-organisms and parasites, and treatment of unresolved psycho-emotional issues.

Tools To Treat the Matrix ... Microcurrent

The main tools to treat the matrix are listed below. The technology behind KMT's microcurrent machines has been developed over several years.

General tools:

- nutrition
- targeted supplements
- massage, manual lymph drainage
- neural therapy
- mesotherapy
- homeopathy
- acupuncture
- rectal ozone insufflation

Energy medicine tools:

- microcurrent
- visible light, monochromatic light, laser light
- sound therapy

Microcurrents are extremely small pulsating currents of electricity finely tuned to the level of the electrical exchanges which take place at the cellular level. Every cell in the body is a mini electrical generator which generates electrical currents. Microcurrents work with these currents which allow the body to heal itself, and support and help many different functions of the body. The word "micro" refers to the usage of low amperage. Voltage is the tension that exists between two electric poles. Amperage is the actual current and energy that flows during a specific application. Small currents activate tissues; larger currents block or sedate tissues. DC current (steady flow) has other biological effects than the alternating currents used in KMT microcurrent technology. When a current is pulsed, a multitude of biological effects can be achieved, dependent on the frequency, shape of the wave, pauses between the waves, length of the individual wave and variation of other parameters.

KMT's microcurrent machines operate on extremely low amperage that is below the threshold of pain. These currents have the ability to penetrate the cell as opposed to going around the cell as other stronger devices do. The units adjust to the skin 1,024 times per second to actually insure that the current is delivered to the cell.

Microcurrent has been shown to increase intracellular ATP levels, dissolve deep scar tissue, trigger the formation and release of numerous growth factors and stimulate new nerve growth and tissue healing. KMT technology focuses on the vasodilation of lymph and blood vessels, down-regulation of the sympathetic nervous system, microbial growth inhibition and toxin mobilizing effects. Microbial inhibition frequencies were actually developed during the genome project. Some frequencies are common knowledge and published in various journals. Some frequencies are proprietary to Dr. Klinghardt. Years of research has gone into selection of the settings.

KMT offers microcurrent machines programmed with tens of thousands of microbial frequencies in each program. And because bugs and toxins go hand in hand, each program also includes metal mobilization frequencies. KMT microcurrent therapy is designed to trigger both intracellular and extracellular neurotoxin release. Lymphatic aspects of KMT move lymph toxins mechanically out of lymph channels. Normalization and enhancement settings allow the body's own natural processes to take place: normalize the polarity of the cell, bring blood to the area and have lymph drain out of the cell, stimulate the ATP production, and promote protein synthesis and cellular repair. Absorption of nutrients is increased as well as elimination of waste products. Microcurrent may be used in water as well. Placing the electrodes in the bath allow it to be used for aches, body pain, jet lag, stress, dehydration, prevention of colds and flu. When something does not go away with physical treatment, said Dr. Klinghardt, then it is a psychological issue which can also be treated.

Microcurrent frequencies address the biofield of the patient in four different ways.

- By pulsing frequencies into the field, the cells start making this frequency and it becomes impossible for bugs to live. The matrix becomes hostile to the bugs.
- Some frequencies are designed as "Drug Enhancement Technique," where these frequencies make the Lyme bacteria vulnerable to the drugs.
- Frequencies activate the patient's own immune system to frequencies of immune enhancers. The immune system wakes up and has antigen recognition capability
- Frequencies help the excretion of broken down microbes from the system. This has been confirmed with Lyme Urine Antigen tests, which dramatically increased Lyme excretion when checked several weeks later.

Klinghardt Matrix Therapy offers two models of microcurrent machines. The KMT 23 was built specifically for Lyme disease. Many cases of cancer, Parkinson's disease, Alzheimer's Disease, Autism and Multiple Sclerosis, for example, have underlying Lyme disease. Seven different frequency packages include metal mobilization together with Lyme frequencies, Babesia frequencies, gastrointestinal support which includes parasites and most bowel pathogens, brain clarity, which includes the herpes family, Chlamydia species, mycoplasma, tuberculosis, strep, Chlamydia, mycoplasma, toxoplasmosis, fungi and molds, and frequencies specific for MS and ALS.

The KMT 240 is a bigger machine and has greater capability. It has the frequencies of KMT 23 plus frequencies for a large number of other applications, including facial and body toning, eye problems, lymphatic drainage, pain, normalization of organs, cells and tissues, immune boosting, general wellness, body lifts, meridian balancing and more.

Some examples of treatment with microcurrent include:

Scar Treatment: Microcurrent will remodel, reshape and soften scars over time. While treating the scar, it is important to also discuss the psychological aspects of the trauma surrounding the scar.

Jaw Joint Release: Many health issues are related to the TMJ being even mildly out of alignment or being host to many microbes. Pain in the hip, back, shoulders and knees heal much faster with the jaw joint release. It also seems to make a big difference with sinus and metal issues. The jaw treatment includes all the parasympathetic ganglia of the face/neck region and all of the sympathetic ganglia in the anterior neck region. Toxins are often held in the sphenopalatine ganglia and in the vagus nerve. Normalizing the energetics of these centers balances almost everything in the body. This treatment also helps brain fog, pressure in the head, tinnitus, sinus congestion, body restrictions, TMJ pain and more. This treatment is conducted with electric gloves both inside and outside the mouth.

Ganglia have very specific microcurrent. For insomnia, for example, treating the stellate ganglia slows the system down and treating the sphenopalatine ganglia stops neurotransmitters from firing. Treating the celiac ganglia includes omental stimulation.

Treating the sphenopalatine ganglia creates huge change in the limbic system, said Dr. Klinghardt. This is a very powerful intervention. It can normalize psychiatric problems. Electrodes are placed on the temples and inside the mouth, rolled up, as far inside the mouth as the patient can tolerate, and run for twenty minutes.

Babesia and cytomegalovirus are involved in macular degeneration and are addressed by the microcurrent through adaptive plugs that connect goggles from the eyes of the patient to the microcurrent. Babesia is an overlooked illness along with other protozoa infections. There are seventeen subtypes of Babesia. Dr. Klinghardt suggests including oxoquinoline and Noni as used as herbal support when treating Babesia with microcurrent. Oxoquinoline increases the oxygen content and the metabolic function of the liver. For tinnitus, tooth and jawbone infections may be involved and need to be explored.

In addition to microcurrent therapy, Klinghardt Matrix Therapy and Bio Tools offer more products to help patients detoxify. These include:

- Lasers and infrared lights. The depth of penetration of a laser depends on the wavelength, not on the strength. The delivery of energy at a certain depth depends both on wavelength and on strength. Lasers are great for dental pain, jaw and trigger point

pain. They increase healing of the extraction sites. Lasers are also great for sprained ligaments and traumatized tissues, for specific ganglion blocks, trigger point therapy, treatment of scars and for poorly healing wounds or fractures.

- The Photon Wave color therapy instrument was developed by Leona Vermeire of Belgium and is used to heal the brain, detoxify the CNS and bring up buried memories and traumatic events. It works by shining pulsed light into the eyes. Over 60 color combinations are possible.

- The voice spectrum analyzer allows one to determine the most healing color for a given client at this time, based on defects in the individual voice spectrum. Light works faster than sound in treating. It is effective for bringing up the parasympathetic nervous system

- Entrainment CDs use pulsed electromagnetic sounds and frequencies emitted by microbes in their natural habitat and wake up the immune system to recognize their presence. The antiviral CD is the most powerful.

- The air activation system converts room air into activated gases including 5-8% ozone for general fatigue, chronic infections, illnesses of the colon and small intestine, parasites and many other issues. It may be used orally, nasally and rectally.

- The lymph massager, shaped like a hammer, emits monochromatic red laser light (640 nm) to increase the temperature of the lymph fluid to inactivate viruses and many known pathogens, create vasodilation and lower sympathetic tone, and a mild UV. It includes a strong electric field emitting purple bulb which breaks up lymph sludge,

- A foot detox bath draws toxic and ionized substances out of the soles of the feet and energizes the autonomic nervous system and acupuncture meridians on the feet. It turns on the detoxification function of the kidney, liver, gut and skin.

At Pine Tree Clinic for Comprehensive Medicine in Arizona, where I work as a homeopathic medical assistant for integrative physician Robert Zieve, MD, MD(H), we use a number of Biotoools products. Our Lyme and other patients get treated with microcurrent. Pain decreases. I have done the jaw release with many of our patients who report noticeable lymph drainage, overall detoxification and ease of symptoms. Patients request to be treated with microcurrent. There is an overall increase in their state of health.

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