

Medical and Technical Data

Light Color Therapy, Photodynamic Therapy, Photo Medicine, Photomodulation is defined as a therapeutic physical modality using Photons (Quantum Energy Packets) for Pain, Tissue Repair, and increased blood circulation.

Medica HealthLtd. Scientist, Medical Advisors, and Engineers have produced the new Theragem 1002 Professional. The effort called for the Sciences of the Ancients (Early Egyptians, Chinese, Greeks and Modern day Physics to be combined by Fusion Engineering. The Technology combines color therapy by using precious and semi precious stones from the mines of Brazil, whereby certain wavelets are created, historical medical research and clinical observation after several decades showed a sophisticated system of color phototherapy. This was influenced by mathematics and physics. At that time it was reasoned and tested clinically that the physiologic effects of individual colors would correspond with the action of the mineral which exhibited the particular color on Spectrometry. It was further determined in detail Specific Attributes of the colors, that certain colored natural stones had specific effects on physiology. The theory and science resulted into 3 Basic laws: 1. The human body responds to light, 2. Colors relate to specific physiologic body functions 3. Color tonation of specific colors to the body surface aids in restorative bodily function. In addition we combined LED pulsed frequencies to target the affected Region of Interest. Theragem Professional operates between 600nm and 900nm range. (670nm is considered the Wellness Zone with the greatest potential for health benefits, at this wavelength penetration of 23cms is achieved. The Technology is a low powered non-coherent, Monochromatic assemblage. By focusing the Wavelengths we are able to cause Photostimulation, whereby a chain of chemical responses are triggered by targeted exposure. Injured cells and tissue emit Enzymes that encourage Photons (Quantum energy) of light energy by design to be transmitted to the Photoacceptors, which are then activated. These Biological electrical chemical actions occur in the Mitochondria. Before this stimuli of energy can occur, Photons must be absorbed by the region of interest. The absorption then creates specific Biological actions dependent on the frequencies used by the Theragem Professional for targeted results. The chain reaction of one Photon at the target site can activate one enzyme molecule which can then create a cascading process of thousands and thousands of Substrate Molecules. This theory suggest that a very small amount of Quantum energy can cause robust Biochemical responses for healing. The future for light fusion technologies will offer hope for those who have failed in there path to wellness. Medical research is going on around the world with positive findings and offers great promise for the future. The Theragem Professional nomenclature of design provides a delivery system to create Optimal Biological results, while maintaining a non-invasive, non-contact and do no harm application based on medical science. The science of light therapy has shown to stimulate the following: Increase vascularity which speeds the healing process. Stimulates the production of collagen, which is the repair substance to the cells. Stimulates tissue projections and tissue granulation for healing of ulcers, wounds and inflammatory conditions. Supply energy to stimulate the increase in RNA and DNA. Stimulate the ATP actions within the cells, this allows the cells to take on

nutrients and dispose of waste efficiently. Stimulate Lymphatic drainage of the system.
For more scientific information please request by phone or e-mail.