

Turner & Hode

Page 67 – Photoreceptors

In order for the laser light to be absorbed, there must be receptors.

Quote by Enwemeka (1999):

“We may have to step back in time in order to begin to understand the mechanisms involved. That low energy light particles can produce significant, and at times, life-supporting changes in various organisms, is not at all new....To date, more than three hundred photochemically reactive proteins, capable of harvesting low light energy, have been identified in both prokaryotic and eukaryotic organisms. Many more are being discovered yearly. In humans, the most commonly known photochemically active receptor proteins are rod and cone pigments in the eye. However, other human photoreceptors have been discovered in recent times. Examples are encephalopsins in the brain and pinopsin in the pineal gland. Given the discovery of photoreceptors proteins in the pineal gland, the hypothalamus, and other tissues of lower vertebrates, it is only a matter of time that it will become clear that other human tissues have photoreactive proteins as well.”

Enwemeka C. Quantum Biology of Laser Photostimulation (editorial). Laser Therapy. 1999; 11 (2): 52-53.

Parameters of Laser Therapy

Wavelength

Size of Dose

Level of Power Density

Laser's Method of Working

Pulse Fz

Depth of Penetration

Treatment Methodology

Treatment Fz

Total Number of Tx

Equine Laser

The scientific documentation in the field of veterinary medicine is extensive, with over one thousand published studies on animals. In most cases, effects have been observed. Most of these studies have involved animals for whom a veterinarian would not ordinarily be called in the event of problems rats, mice rabbits, guinea pigs, etc. However, at the present time much documentation is also available on dogs and horses.

A sound knowledge of equine medicine is necessary to achieve good results, in the same way as in human medicine. Horses are more sensitive to laser light than humans....Dogs, cats and other household pets can also be treated with lasers with good results.....Pages 278 - 283