Evaluation of the effect of low level diode laser therapy following mandibular distraction osteogenesis in human

Low level laser therapy (LLLT) still lacks a clinical application in human distracted mandibles, although it has a potentially positive effect and has been tried experimentally. Studies describing the use of LLLT on distracted mandibular bone in animals are numerous and support its use. Is the use of diode laser following mandibular distraction osteogenesis in the human useful as well as in animals? At the end of the lecture, the participants will have a clearer idea about the effect of low level diode laser on human distracted mandibles as well as how ultrasonography and panoramic x-ray are useful to evaluate distracted bone healing.

Biography

Akram Zakaria Abdelaal has completed his PhD in Laser Application in Oral and Maxillofacial Surgery from National Institute of Laser Enhanced Sciences (NILES), Cairo University, Cairo, (Egypt). He is a Consultant of Oral and Maxillofacial Surgery at Al-Ahrar Hospital and Associate Professor at Zagazig University.

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