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"Helium neon and diode laser therapy is an effective adjunctive therapy for facial paralysis"

This study presents our six-year experience in laser therapy for rehabilitation of facial paralysis.

Mixed laser irradiation using a 904 nm diode GaAs and 632.8 was utilized. Laser irradiation was performed on the range of facial nerve ramifications in eight different places, 5 min on each place, four times a week. No other medicine was used if the patient arrived 48 h after having the lesion.

When the patient arrived after the first week, meticoren was utilized as a supplement, a dosage of 40 mg per day, for seven days. Based on our experience, the patients who are more inclined to attend treatment sessions are those who have been suffering from paralysis for more than a month and who have submitted to other kinds of treatments with negative results. They were even offered surgery. For these patients, we have required up to maximum of 30 sessions and have achieved 100% recovery, even with patients who have had the lesion for three or six months. Patients who attended therapy within two weeks after suffering the paralysis recovered 100% with no additional medication -only laser therapy. With these patients we needed a maximum of 15 sessions. LLLT is presented as a safe, noninvasive, easy to apply and comparatively side-effect-free modality offering a complementary and effective tool in the treatment of facial paralysis.