MicroLight Laser Reduces Cosmetic Surgery Post Operative Downtime

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For many patients undergoing cosmetic surgery, and even some dermatologic procedures, scarring and pain can be some of the most difficult side effects to cope with.

More than 12.5 million cosmetic procedures in 2009 involved some type of reconstructive surgery or rehabilitation from burns, scarring and the correction of birth defects, according to the American Society of Plastic Surgeons. While some plastic and cosmetic surgeons have learned certain techniques to minimize scarring and downtime, in some cases, there is no guarantee that the procedure will not cause significant scarring.

Now, plastic surgeons have the option to use a low-level laser to heat the tissue and cause vasolidation in the micro-capillary bed. This helps to reduce downtime in most cases, and may also increase the rate of post-operative healing.

Dr. Daniel Man has used the Patented ML830® laser for certain procedures, and reports that post-operative downtime for his cosmetic surgery patients has decreased significantly as a result. In addition to reducing pain, the laser helps reduce or eliminate post-surgical scarring, and also reduces patient discomfort.

Dr. Man published his findings after conducting 1,000 treatments with the laser on 125 patients during a four-month period. His findings indicate that most patients experienced an 80% improvement in scar reduction and overall pain.

The laser was designed and produced by the MicroLight Corporation, an exclusive manufacturer of the patented ML830® laser and the first company in the United States to have received FDA clearance to market low-level laser therapy. The MicroLight laser has received FDA clearance for the temporary relief of minor muscle and joint pain, arthritis, muscle spasms and joint stiffness. Several studies also show that the laser can accelerate the wound healing process, reduce post-surgical pain and prevent inflammation and muscle spasms after surgery.