

LOW PRESSURE HYPERBARIC TREATMENT FOR POST SURGICAL WOUND HEALING

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ABSTRACT

Mohs cancer surgery results in a large open wound which may be closed with a flap or skin graft or allowed to heal with secondary intention. Flaps and skin grafts often result in significant scarring of the skin. Secondary intentions allows healing in a small concentric scar. Normal healing of a defect or wound over the forehead may take up to 12 weeks to close by secondary intention. Using daily low pressure hyperbaric air chamber treatments a 3cm X 4cm defect of the forehead healed in 4 weeks. The wound edges remained soft and supple allowing fibroblastic contraction to occur significantly faster. The photographs show closure of the forehead defect at four weeks. These findings display a significant increase in healing over standard secondary intent in healing.

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Feb 1, 2000
Post Surgery



Mar 11, 2000
After daily hyperbaric treatments

Enlargement of Wound Area



Feb 4, 2000
Post Surgery - Pre hyperbarics

Protocol

Pressure: 1.2 ATA
Duration: 1 hour
Frequency: Daily for 1 month