

International Hyperbarics®
Association 



HYPERBARIC HEALTH SOLUTIONS

Serving the entire
United States of America

208-670-0169

423-641-6439

breathe@oxygenhealthspa.net
www.HyperbaricHealthSolutions.com



@HyperbaricHealthSolution

PLASTIC SURGERY & HYPERBARICS



PLASTIC SURGERY & HYPERBARICS

Whether a patient's surgery is cosmetic or reconstructive, Hyperbaric Oxygen Therapy (HBOT) is a natural tool that may aid in the healing process and shorten recovery time. Patients undergoing surgery face many post-operative challenges similar to traditional surgery but may also be effected by specific post-operative challenges unique to plastic surgery. HBOT is an option that may speed healing while minimizing the effects of these other challenges. The high complication rate of these surgeries is attributable to blood supply disruption resulting in ischemia, necrosis, infection, wound dehiscence and excessive scarring. HBOT improves this by inducing new blood vessel growth. Many surgeons now recommend pre and/or postoperative HBOT to their patients in order to enhance their healing, recovery and results.

PHYSIOLOGICAL BENEFITS

- Quicker healing
- Less Scarring, Bruising, Infection

ENHANCES HEALING & RECOVERY

- Reduces Inflammation
- Minimizes Pain & Discomfort
- Reduces Swelling

SUPPORTS HEALING AT THE CELLULAR LEVEL

- Promotes Anti Inflammatory Proteins
- Improved Angiogenesis Enhancing Bloodflow to Tissue
- Induces Fibroblast Activatio
- Enhances Collagen Production
- Stimulates Neovascularization and Vasodilation
- Stimulates Bone Remodeling

REDUCES RISK OF INFECTION

- Elevates Phagocytosis To Above Normal Levels
- Enhances Microbial Activity
- Increases Intracellular Leukocytes

Study: Hyperbaric Oxygen Preconditioning Can Reduce Post Abdominoplasty Complications: A Retrospective Cohort Study.



Scan QR Code to learn more and download related studies

A study published in 2019 examined the effects of hyperbaric oxygen on wound healing as it has been found to have positive preconditioning effects in animal models. Patients who received preoperative HBOT were compared with patients who did not receive HBOT. The study determined the efficacy of preoperative HBOT, conducted before abdominoplasty, on postoperative complications. "Based on the beneficial effects of preoperative HBOT in our study, it could be argued that the use of preoperative HBOT preconditioning could potentially benefit patients undergoing several other surgical procedures. The treatment is safe and well-tolerated and can be easily conducted for most patients."

Tali Friedman, MD, Shaked Menashe, MD, Geva Landau, MD, Matan Sherf, MD, Itay Wiser, MD, Yaakov Seligman, MD, Mony Friedman, MD, Amir Hadanny, MD, Shai Efrati, MD, Lior Heller, MD. (2019).

www.ihausa.org/PlasticSurgery

Copyright © 2020 International Hyperbarics Association

These statements have not been evaluated or approved by the FDA. All of the statements made on this document are not anecdotal and have been taken directly from clinical data.

