Healing Wounds Completely
so life can go back to normal
The TWO2 therapy Extremity Chamber is available in both Reusable and Single-Use versions to help meet your specific patient care and reimbursement needs. These systems operate by applying cyclical oxygen pressure directly to the wound site within a sealed humidified environment. This provides a greater oxygen diffusion gradient and increased tissue oxygenation. The cyclical nature of the pressure also creates non-contact sequential compression, which helps reduce peripheral edema and stimulates wound site perfusion.

The simple to use TWO2 therapy Single-Use Sacral/Torso units are uniquely sizeable for the targeted treatment of wounds of the torso, such as Pressure Ulcers of the Sacrum and Coccyx. This allows you to treat a variety of wound locations at any site of care.

Are You Doing Everything You Can For Your Patients?

Chronic wounds can debilitate your patients for years, causing interruptions to not only their health but their lives and everything they enjoy. Now you can help get your patients back on track and put an end to their suffering.

AOTI’s unique Topical Wound Oxygen (TWO2) therapy is a safe, non-invasive, adjunctive multi-modality that helps address the fundamental reasons chronic wounds fail to heal.

TWO2 has been shown to reverse wound tissue hypoxia, creating an environment that destroys unwanted pathogens, combats infection, and stimulates the cellular mechanisms needed to form new blood vessels and grow strong patent tissue. TWO2 also delivers non-contact sequential compression to help reduce peripheral edema and promote perfusion. In closing previously unresponsive wounds completely, TWO2 has significant impact on saving limbs, reducing overall healthcare costs, and greatly improving your patient’s quality of life.

80% Wound Closure Rate1,2,4
Unprecedented closure rates in all wound stages

Significant Pain Reduction1,2
Rapid reduction in wound related pain by over 75% within 3-4 weeks of commencing treatment.

Improved Infection Control1,2,5
Upregulates leukocytes to help eliminate wound pathogens, including; Staphylococcus Aureus, Streptococci, Pseudomonas Aeruginosa and MRSA.

New Blood Vessels and Tissue Generation1,2,3,4,5
Significantly increases growth factors, stimulates angiogenesis and good collagen production.

Cost Savings
The ability to reduce healing times and complications can lead to significant cost savings.

Non Invasive Safe Therapy1,2,3,4,5
Topical Wound Oxygen Therapy is easily applied and integrated into any Acute, Long Term and/or Home Care setting.

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Advanced Oxygen Therapy Inc. is dedicated to providing Advanced Wound Care products that utilize our patented non-invasive Topical Wound Oxygen (TWO₂) therapy.

Our innovative products can help close all wound types, and are particularly effective in chronic (diabetic, pressure, and venous ulcers) and acute (post-surgical, cosmetic, and burn) wounds.

We are committed to providing products and services that make a difference in the quality of patients’ lives while reducing healthcare costs.

References:
3. Topical Oxygen alters angiogenesis-related growth factor expression in chronic diabetic foot ulcers: Gary Scott Ph.D., University of North Texas Health Science Center, USA. Royal Academy of Medicine in Ireland, Irish Journal of Medical Science, Volume 176, Number 1, 2007 Supplement 2.