

A middle-aged couple is shown from the chest up, sitting together outdoors. The man, on the left, has grey hair and a mustache, and is wearing a light green polo shirt. The woman, on the right, has dark curly hair and is wearing a bright yellow top. They are both smiling warmly at the camera. The background is a soft-focus view of green foliage.

two₂

MULTI-MODALITY OXYGEN THERAPY

Healing Wounds Completely
so life can go back to normal

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.



Reusable Extremity Chamber

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.



Single-Use Sacral/Torso Unit

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.



Single-Use Extremity Chamber

80% Wound Closure Rate^{1,2,4}

Unprecedented closure rates in all wound stages.

Significant Pain Reduction^{1,2}

Rapid reduction in wound related pain by over 75% within 3-4 weeks of commencing treatment.

Improved Infection Control^{1,2,5}

Upregulates leukocytes to help eliminate wound pathogens, including; Staphylococcus Aurous, Streptococci, Pseudomonas Aeruginosa and MRSA.

New Blood Vessels and Tissue Generation^{1,2,3,4,5}

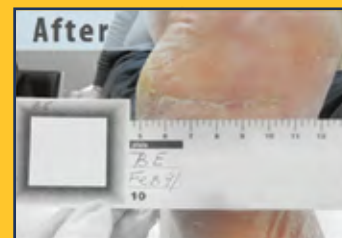
Significantly increases growth factors, stimulates angiogenesis and good collagen production.

Cost Savings

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

Non Invasive Safe Therapy^{1,2,3,4,5}

Topical Wound Oxygen Therapy is easily applied and integrated into any Acute, Long Term and/or Home Care setting.





Advanced Oxygen Therapy Inc.

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:

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5. Use of Topical Hyperbaric Oxygen for Treatment of Chronic Wounds in Long-Term Care Facilities; Edsberg LE, Brogan MS, Jaynes CD, Fries K. Natural and Health Sciences Research Center, Daemen College: Ostomy Wound Management, April 2003.

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