



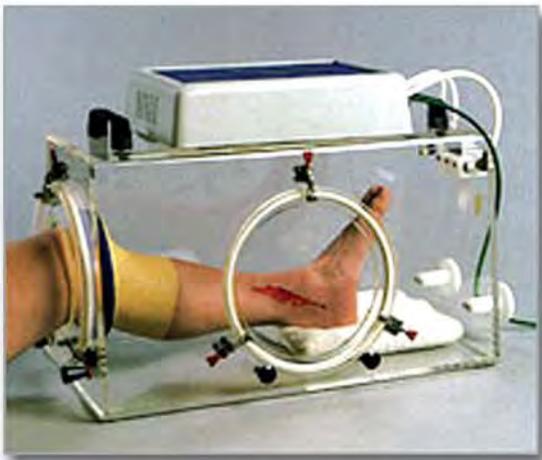
Topical Wound Oxygen - two₂[™] Therapy Systems

In hypoxic wounds, the lack of availability of oxygen to the injured tissue is the primary reason they do not heal. Providing oxygen to the injured tissue utilizing AOTI's unique Topical Wound Oxygen (two₂[™]) therapy has been proven to stimulate: collagen synthesis, the enhancement of fibroblasts, angiogenesis and greatly improve leucocyte function resulting in faster wound closure.

two₂[™] therapy has been shown to be particularly effective as an adjunctive treatment modality for closing chronic wounds which include: diabetic, venous, arterial and pressure ulcers. two₂[™] therapy has also been shown to be effective in treating post surgical infections, amputations, infected stumps, frostbite and burns.

The Reusable two₂[™] therapy system operates by applying cyclical oxygen pressure directly to the wound site within a sealed and humidified environment. This provides a greater tissue oxygen diffusion gradient and increased tissue oxygenation. The cyclical nature of the pressure also creates a sequential compression effect which helps reduce peripheral edema and stimulates wound site perfusion.

The combination of the increased oxygen pressure gradient and cyclical compression therapy stimulates capillary budding and increases leukocyte function. This enhances antibacterial activity and suppresses bacterial growth, resulting in the granulation of new healthy tissue allowing for the wound to heal faster.



- The ability to close previously non-responsive and slow to heal wounds provides significant clinical, quality of life and cost saving benefits.
- two₂[™] therapy is State-of-the-Art in non-invasive Wound Healing Solutions.
- two₂[™] therapy allows for targeted treatments utilizing oxygen pressure applied directly to the wound site resulting in none of the potential negative systemic effects seen in other therapies.



Topical Wound Oxygen - two₂[™] Therapy Systems Advanced Designs Suitable for Any Setting

AOTI's Reusable two₂[™] chambers are portable, easy to operate and can be used in hospitals, wound care centers, nursing homes or in the home.

Diabetic Ulcer of the Right Heel. A case Study by Judy Horn, MS, PT, GCS, CWS



April 28
First post surgical debridement prior to two₂



April 29
After three 90 minute two₂ treatments



August 10
Completely healed

Ordering Information

<u>Description</u>	<u>Order Number</u>
Hyperbox System- Reusable	G00004
<u>Sleeves Reusable</u>	
Pediatric sleeve	G00011
Small sleeve	G00012
Medium sleeve	G00013
Large sleeve	G00014
X-Large sleeve	G00015
<u>Accessories</u>	
Chamber door- closed	G00016
Chamber door- patient	G00017
Humidifier jar	G00018
Velcro strap	G00019

Local Representative

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Caution: USA Federal law restricts this device to sale by or on the order of a Physician