

TOPICAL WOUND OXYGEN THERAPY (TW02) AOTI Inc.

✓ FDA CLEARANCE ✓ CE MARKING

DESCRIPTION / COMPOSITION

Topical Wound Oxygen Therapy product range includes both reusable and single-use systems that operate 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, which enhances antimicrobial actions, stimulates angiogenesis and maximizes collagen production. The cyclical nature of the pressure also creates a sequential compression effect which helps reduce peripheral edema and stimulates wound site perfusion.

COUNTRIES WHERE THE PRODUCT IS AVAILABLE

USA, Canada, European Union, Russia, Middle East, Asia.

UNDESIRABLE EFFECTS

None

PRECAUTIONS

Oxygen rich environment precautions

COST + COST EFFICACY

Results (>80% in 12 weeks) of complete wound healing of various ulcer types suggest excellent cost efficacy.

PRESENTATION / DIMENSIONS

The Topical Wound Oxygen Therapy System is available with both reusable and single-use chamber options to meet your specific patient care and reimbursement needs.

BIBLIOGRAPHY

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Fisher BH. Topical hyperbaric oxygen treatment of pressure sores and skin ulcers. *Lancet*, 1969; 2(7617):405-409.

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Sen C. Wound healing essentials: Let there be oxygen. *Wound Repair and Regeneration*, 2009; 17: 1-18.

Sibbald RG, Woo KY. Wound bed preparation and oxygen balance – a new component? *Int Wound J*, 2007; 4(suppl): 9-17.

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INDICATIONS

All acute and chronic wounds/ulcers, including :

- Diabetes ulcers
- Venous stasis ulcers
- Post surgical wounds
- Gangrenous lesions
- Decubitus/pressure ulcers
- Amputations/infected stumps
- Skin grafts
- Burns
- Frostbite

CONTRAINDICATIONS

Acute deep vein thrombosis

