



Topical Wound Oxygen Therapy (TW02) Single-use Sacral Unit AOTI Inc.

✓ FDA CLEARANCE ✓ CE MARKING

DESCRIPTION / COMPOSITION

The Single-use Sacral Unit is designed to treat wounds on the torso, sacrum or hip. With an inbuilt adhesive ring the Sacral Unit is attached to the periwound area. It operates by applying constant 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 especially against anaerobes, stimulates angiogenesis and maximizes collagen production.

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 of complete wound healing of various ulcer types suggest excellent efficacy and cost reduction. The Single-use Sacral Unit has demonstrated substantial effectiveness in infected wounds, including those colonized with MRSA.

PRESENTATION / DIMENSIONS

The Single-use Sacral Unit comes in a case of 30.

BIBLIOGRAPHY

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

Hunt TK, Ellison EC, Sen CK. Oxygen: at the foundation of wound healing – introduction. *World J Surg*, 2004;28:291-293.

Kalliainen LK et al. Topical oxygen as an adjunct to wound healing: a clinical case series. *Pathophysiology*, 2003 Jan;9(2):81-87.

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.

INDICATIONS

- All acute and chronic wounds/ulcers, including:
- Decubitus/pressure ulcers
 - Post surgical wounds
 - Gangrenous lesions
 - Diabetic ulcers
 - Venous ulcers
 - Skin grafts
 - Burns
 - Frostbite

CONTRAINDICATIONS

N/A

