

## Non-healing venous leg ulcer

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### HISTORY

This 76-year-old male presented with a Venous Leg Ulcer (VLU) on the lower inner aspect of his right leg which had been present for 54 weeks. Past medical history included peripheral venous disease, venous insufficiency, atrial fibrillation, psoriasis, osteoporosis, degenerative joint

disease, and pericarditis. Any underlying skin disorder will increase the risks of skin breakdown, however when coupled with venous disease the risk of ulceration is significantly increased as is the likelihood of recurrence.



### PREVIOUS MANAGEMENT

Previous wound management had included, multilayer compression bandaging, antimicrobial creams, silver alginates, collagen, and amniotic tissue grafts. Unfortunately, the wound had failed to show significant signs of progression.

Prior to commencing NATROX<sup>®</sup> Oxygen Wound Therapy a full wound assessment was performed including ABI which was 1.01. The wound measured 3.1 cm x 3.2 cm x 0.1 cm.



### NATROX<sup>®</sup> OXYGEN WOUND THERAPY

Due to the hemosiderin staining evident on the patient's legs along with their medical history it was decided to use NATROX<sup>®</sup> in conjunction with compression bandaging. This combination works well; however, it is important to feed the tubing out of the

compression bandaging as soon as possible to avoid indentation in oedematous legs. For this patient we also padded under the tubing.

Dressings were carried out weekly in the clinic where wound progression was monitored closely. After 3 weeks of therapy there was active signs of granulation tissue present in the wound bed and the wound had reduced slightly in size. The wound continued to display steady progression over the next few weeks with a continuous reduction in wound size documented. Complete wound closure was achieved by week 9 of therapy.

Commenced  
NATROX<sup>®</sup>



### CONCLUSION

The patient reported no issues with managing the device in between clinic visits and was thrilled that after a year

of suffering from a VLU he had healed in 9 weeks of oxygen therapy.



Commenced NATROX<sup>®</sup>



3 weeks of NATROX<sup>®</sup> therapy

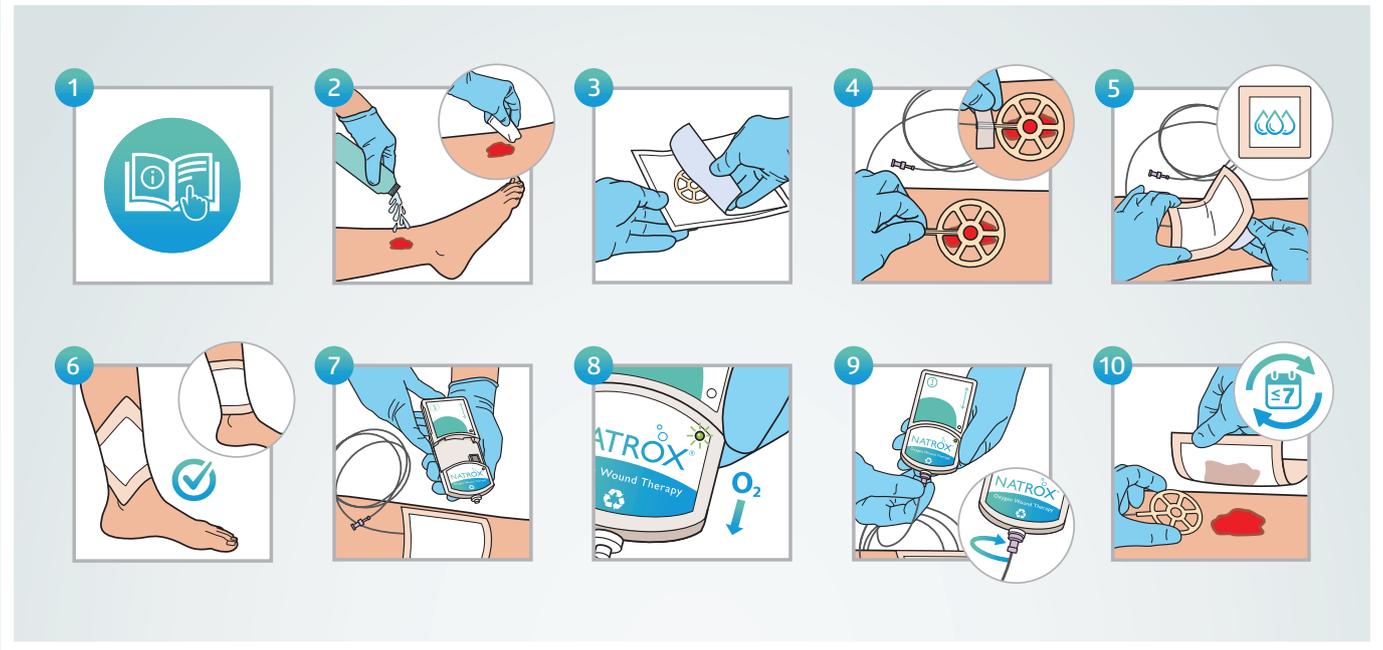


5 weeks of NATROX<sup>®</sup> therapy



9 weeks of NATROX<sup>®</sup> therapy  
wound healed

# How to apply NATROX® Oxygen Wound Therapy



## What to expect with NATROX® Oxygen Wound Therapy<sup>1</sup>



To find out more

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1. Yu J, et al (2016) Topical oxygen therapy results in complete wound healing in diabetic foot ulcers. Wound Repair and Regenerations. 24 1066-1072

