

NATROX® O₂ Supports Reduction of Opioid Reliance and Improved Mental Health Outcomes for Veterans

The Challenge

Patients with **chronic wounds** typically have limited social interactions, leading to social isolation contributing to **depression, anxiety** and **sleep disturbances**, compounding the **impact on quality of life**. Isolation and limited ability to participate in physical activities that help them cope can **increase stress** and even **escalate pain**.¹

Chronic Wound Pain

Approximately **8.6 million** people in the U.S. are impacted by chronic wounds²

Up to **70%** experience **moderate-to-severe** chronic wound-associated **pain**³

Mental Health Impact

At least **30%** of chronic wound patients **suffer from depressive symptoms**.⁴

Risks of Chronic Pain

Veterans with moderate-to-severe pain are:

3x more likely to experience suicidal ideation
2-3x more likely to die by suicide than those without pain⁵

VA 2022-2028 Strategic Plan

Strategic Objective 2.4 (Paraphrased): The VA is focused on advancing **innovative, evidence-based treatments for pain management and opioid use disorder** by leveraging research and emerging technologies. This strategy prioritizes developing and translating **non-opioid and personalized treatment options into routine care**.⁶

VA and NATROX® O₂ Missions are Aligned

NATROX O₂ Continuous Topical Oxygen Therapy (cTOT) delivers more than just oxygen; it can provide an innovative technology that improves **quality of life** and a **non-pharmacological pathway to pain resolution**.

The Power of Non-Pharmacological Interventions

Veterans who received non-pharmacological treatments experienced:

17% fewer self-inflicted injuries


12% fewer cases of suicidal ideation⁵



The NATROX® O₂ Effect on Pain


Clinical Studies


NATROX O₂ cTOT for hard-to-heal leg wounds is associated with **pain relief, reduced need for pharmacological analgesia, and concurrent healing.**⁷

 **76% experienced** “substantial, **rapid pain relief**”

 **69% stopped taking opioids** completely⁷

Benefits of cTOT over traditional standard of care treatments suggest accelerated wound healing, in addition to **reducing pain and medication necessity.**⁸

 **91%** of patients in the study who initially reported pain **had no pain post-treatment**

 **91%** of patients **no longer needed pain medication** by the end of treatment⁸

Case Reports


Case 1: Baseline Pain Level: 10/10

 After **12 hours** of cTOT: **0/10**

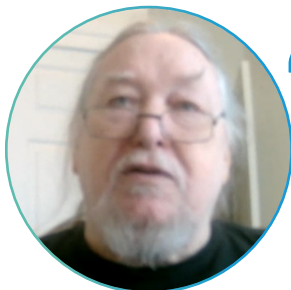
 **Discontinued opioid use** and reported **enhanced wellbeing** from proper sleep⁹

Case 2: Baseline Pain Level: 10/10

 After **4 hours** of cTOT: **4/10**

 Returned to work after 6-month absence, **improving psychological wellbeing**⁹

Patient Testimonials



“ The pain levels dropped very quickly...I could do all the things I couldn't do before. ”¹⁰

James, 79-years-old

U.S. Army Veteran, NATROX O₂ Patient

Significant paid reduction within a couple days of cTOT
After 6 weeks: No notable pain^{10,11}



“ I was really, really down...When [I saw NATROX® O₂] working, my mood totally lifted. ”¹²

Karen, 61-years-old


NATROX O₂ Patient

Respective pain levels (multiple wounds):
Baseline: 3/10 & 7/10
After 4 weeks: 0/10 & 0/10¹³

By reducing wound-related pain and improving quality of life, NATROX O₂ helps alleviate primary drivers of opioid use and psychological distress. When we heal the wound faster, we restore the Veteran's independence, reduce the burden on caregivers, and directly support the VA's mission to improve outcomes for our nation's Veterans.

LEARN MORE:

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References

bit.ly/49C5WYG



More on Pain Reduction

bit.ly/NO2Pain

