

# THE POWER OF TWO2: REAL WORLD EVIDENCE OF THE LONG-TERM HEALING & HEALTH ECONOMIC BENEFITS OF CYCLICAL-PRESSURE TOPICAL WOUND OXYGEN THERAPY IN DIABETIC FOOT ULCER PATIENTS

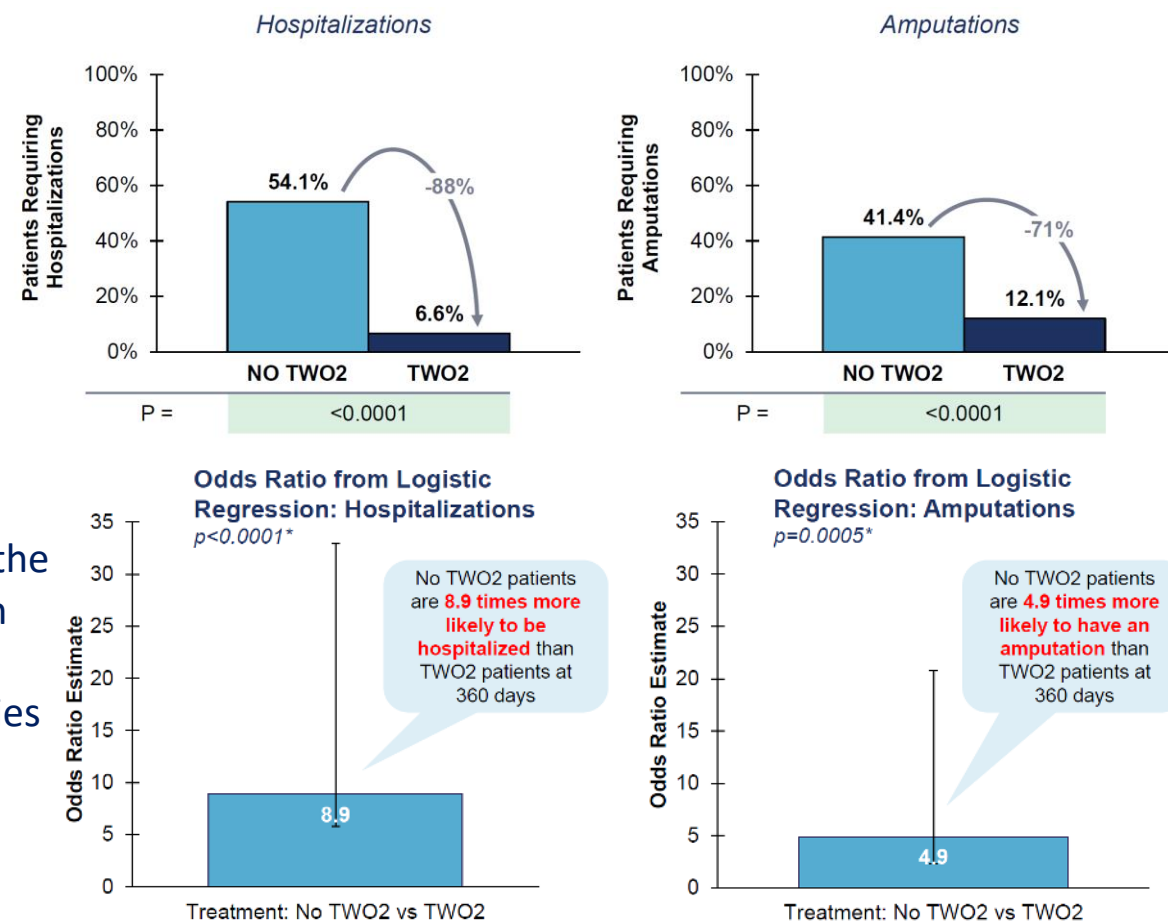
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**Objective:** Diabetic Foot Ulcers (DFU) are a common sequela in the diabetic patient, increasing the morbidity and mortality of patients. A significant number of DFU don't heal with Standard-of-Care (SOC) alone. Adjunctive therapies are commonly utilized in non-healing DFU populations to stimulate closure. Few studies have looked at the long-term healing efficacy and resultant Health Economics (HE) benefits of different adjunctive wound healing approaches. **This real-world evidence (RWE) study looked at the impact Cyclical-Pressure Topical Wound Oxygen (TWO2) therapy had on hospitalizations and amputations in a non-healing DFU population over a 12-month period.**

**Methods:** A multi-site IRB approved study collected retrospective data from the clinical records of over 500 real world **Wagner Grade 1 – 4 DFU** patients from across USA & Europe that had failed to heal with SOC and were treated adjunctively with TWO2 therapy (TWO2 arm) or only other available modalities (No TWO2 arm). All patients had outcome records for at least one year.

**Results:** Over a 12-month period the TWO2 arm patients in the USA demonstrated a significant **88% reduction in Hospitalizations** and **71% reduction in Amputations** compared to the No TWO2 arm patients.

**Conclusions:** Consistent with that reported in a recently published RCT\*. This high-quality RWE cohort study helps **validate the HE outcome benefits of utilizing TWO2 to heal DFU**. Demonstrating both **significant clinical & QOL benefits, with notable decreases in the economic burden** associated with DFU.



**Presented at:**

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\*<https://doi.org/10.2337/dc19-0476>

