A Prospective Clinical Study on the use of the EZDebride Wound Instrument: The Oklahoma City Indian Wound Clinic

Abstract: A total of 13 patients with 21 wounds including DFUs, venous Stasis, burn, post surgical, arterial, and pressure wounds participated in a clinical trial comparing pain, hemostasis, and complications with the use of the EZDebride Wound Instrument versus a surgical curette. Data was collected before and after sharp debridement with the patient’s consent. Methods: Subjects were drawn from a single wound care clinic and assessed before and after sharp debridement based on a numerical scale pain scale. Further assessments were also ascertained based on the patients review of the ease of debridement and time as well as objective findings of complications including bleeding and pain management. A total of 18 patients were seen: 2 patients were healed, 2 patients did not require sharp debridement, and 1 patient opted out. Results: The EZDebride Wound Instrument demonstrated a reduction in pain on average by 2.84 points less in comparison to a curette, minimal to no bleeding, no follow on pain management, minimal time of debridement, and 100% patient satisfaction rates. The pictures below demonstrate before and after debridement using the EZDebride Instrument.

Key Findings

- 100% of reported patients would recommend the EZDebride to friends and family
- 7/13 patients had some degree of Diabetic Sensory Neuropathy
- 100% of reported patients approved and were very satisfied of EZDebride
- 13/13 Patients reported a reduction in pain by an average of 2.84 points
- Average time of debridement: 46 Seconds vs 3 minutes on average with traditional methods based on clinical studies
- 100% Satisfactory Results as reported by all 13 patients
- No complications with the use of EZDebride (bleeding commonly seen with traditional methods)
- 9/13 Patients reported complications of bleeding after the use of scalpel or curette for debridement

EZDebride

Reduction in pain by 2.84 points vs a Curette

No Curettes were utilized
Hemostasis was achieved with finger pressure/gauze PRN
100% Patient Satisfaction
100% Preference of the EZDebride over the Curette