



Stops Bleeding & Absorbs Exudates

## Treating a Bleeding Deep Tissue Injury (DTI) with PRO QR Powder

### A Case Study

A 76 year old male presented with a bleeding wound of the right heel. The patient had been admitted for severe emphysema, COPD, and Abdominal Aortic Aneurysm repair. His history also included PVD and Lymphoma. Prednisone 5 mg was prescribed daily at home. After an extended stay of 3 weeks in Intensive Care, a request was made for wound care services for the heel wound.

A deroofed blood blister DTI (deep tissue injury) was assessed along with 1+ pitted edema. The right heel wound measured 5.5 X 4.5 cm with exposed split thickness and bloody oozing from the superior edge for 24 hours. Direct pressure was not effective in stopping the bleeding. The patient's PT and PTT were within normal limits; however, transaminitis (hepatitis, medication induced) was diagnosed. His platelet count was 62 (150 - 400), necessitating multiple platelet transfusions.

DTI was evaluated and treated with PRO QR Powder. The procedure included:

- Cleansing wound site with room temperature saline
- Due to the awkward location of the wound at the underside of the heel, PRO QR Powder was applied to gloved finger then pressed for 30 seconds to the bleeding site. Two applications were used and bleeding was controlled in 90 seconds.
- A dressing of fluffy alginate was applied for 7 days. A pressure redistribution boot was applied to float the heel and physical therapy was begun.

**PRO QR Powder effectively stopped the bleeding from the heel wound with no side effects as compared to other potential treatments such as cauterization. Considerable improvement in DTI healing was visible within 9 days. For this patient, the use of PRO QR powder saved nursing time, enhanced healing, and facilitated discharge to the appropriate level of care.**

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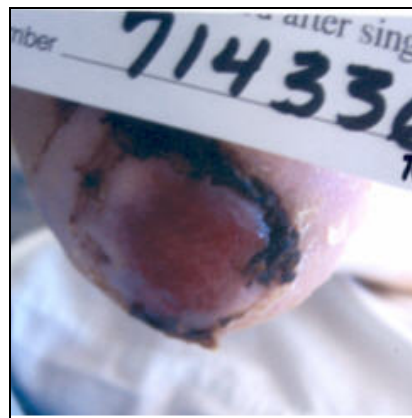
**Figure 1:** Wound dripping blood from right heel.



**Figure 2:** Applying PRO QR Powder



**Figure 3:** QR Powder seal.



**Figure 4:** Healing, non-bleeding wound after 7 days.