Case Study no. 20 – Supporting Wound Cleansing After Minor Trauma in a Vascularly Compromised Leg

Patient
Same 75-year-old male patient as Case Study no. 18, with known chronic arterial and venous insufficiency.

Clinical
Traumatic wound to the shin following minor impact, resulting in skin breakdown in an area with compromised vascular supply.

Challenges
Even minor trauma led to tissue breakdown due to poor microcirculation, requiring precise and atraumatic wound cleansing to prevent deterioration and infection.

Brush Solution
Targeted and gentle mechanical cleansing allowed accurate hygiene of the traumatic wound without causing further tissue damage.

Clinical Outcomes & Rationale
Localized mechanical cleansing maintained effective hygiene and prevented secondary wound enlargement. The stable wound environment supported predictable healing, leading to complete wound closure without complications in a patient with limited vascular reserve.

"Gentle, targeted cleansing supported complete wound closure after minor trauma in a vascularly compromised leg."

