

WOUND HEALING AND CRITICAL CARE

February 23-24, 2023 | Dubai, UAE

Received Date: 13-07-2022 | Accepted Date: 20-07-2022 | Published Date: 06-03-2023

The treatment of burn wounds with hypochlorous acid – two case studies

HC Roos

Trifectiv Plus, South Africa

Burn wounds are some of the most complicated injuries to manage as control of infection (including biofilm formation) is paramount to limit the depth of thermal injury. Furthermore, control of inflammation is as important, ensuring the wound will heal expediently, with limited scarring. The standard of care in burn wound management has included dressings for control of infection, or the early excision and grafting of the wound, as the removal of damaged contaminated tissue followed by a rapid closure of the wound decreases infectious risk.

We present two cases of deep partial thickness burn wounds treated at home with hypochlorous acid (HOCl)-moistened gauze dressings, retained with crepe bandages. Special reference to the importance of debridement of devitalized tissues, and the control of infection, as well as inflammation of burn wounds are illustrated. This case studies also explores the use of a pure medical-grade solution of HOCl to facilitate wound healing.

e: labs@trifectivplus.com