

Chronic device pressure injury in lower limb of quadriplegic patient

Patient information:

A 26-year-old male with quadriplegia as a result of a mountain biking accident in 2018, presented in August 2020 with a pressure injury on his right posterior upper calf from resting on the footrest of an ankle-foot orthosis.

Description of initial treatment:

At presentation, there was a large necrotic scab in situ. Silver, silicone adhesive, compression hosiery, lymphatic drainage, antimicrobial and super absorber dressing were applied. VAC therapy was initiated but due to contusion with even low pressure, it was discontinued.

Treatment with AmnioRederm

Day 0 [27.08.2021]

AmnioRederm was first applied to the wound on 27.08.2021.



Day 7 [03-09-2022]

By Day 7, the wound had decreased by 30% in size. The wound was clean with visible epithelialisation taking place.



Day 14 [10-09-2022]

Day 14 showed an almost healed wound. A fourth application of AmnioRederm was done.





Follow up

Day 21 [17-10-2022]

Day 21 showed a completely healed wound. Patient had no pain and entire wound bed was epithelialized.

Summary of outcomes

Time to complete healing was 3 weeks with 4 applications of AmnioRederm. The patient's pain decreased within the first week and did not reoccur during the treatment period. Granulation, a decrease in exudate and epithelisation progressed consistently throughout treatment until complete closure of the wound.

Acknowledgement and thanks to:

Sr Anne Berzen
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