

# Hyalomatrix®



## Frostbite case

21 year-old man with severe frostbite to the lower limbs, due to an accident in the Argentinean Andes, where he remained at high altitudes for several days. (Fig 1)

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### DAY 1

**Fig 2 & 3:** The frostbite required the removal of the necrotic tissue and amputation of the toes 30 days post rescue. As a result, bones and joints at the amputation plane were particularly exposed. Hyalomatrix® was applied in order to protect such structures from desiccation, while a neo-tissue naturally developed on top of exposed bones and joint remnants.



### DAY 6

**Fig 4 & 5:** Integration of the HYAFF® matrix during the healing phase.



### DAY 10

**Fig 6 & 7:** Removal of the protective film. The HYAFF layer acted as scaffold for cellular invasion and capillary growth. Proper wound management with Hyalomatrix allowed for an appropriate bed to support the split-thickness skin graft.



### DAY 20

**Fig 8:** Taking of the skin grafts and complete healing at day 10 post grafting.

**In this case, Hyalomatrix was an optimal wound management choice for a post-surgical lesion, allowing the application of a skin graft in 10 days.**

