



Case: Trauma Ulcer

1. Description

Patient age	: 76
Gender	: Female
Indication PneuMasox	: Trauma Ulcer - granulating
Start date PneuMasox	: 16-01-2025
Set pressure	: 40 mmHg (right leg)
Other treatment	: Single-use Negative Pressure Wound Therapy (PICO pump), skin transplant from thigh to ulcer (full-thickness skin graft).

2. Treatment and evolution of the ulcer

Due to a trauma ulcer, PneuMasox was started on the right leg on January 16, 2025. The pressure of the PneuMasox was set at 40 mmHg. On January 20, the pressure was adjusted to 30 mmHg because the patient found the PneuMasox too tight.

The PneuMasox was worn day and night. The patient checked the air in the PneuMasox twice a day and added air as needed. The patient reapplied the PneuMasox in the morning. The PneuMasox was used until the ulcer was closed. After that, compression therapy was no longer applied.

Table: evolution ulcer

Date	Size ulcer (cm)
16-01-25	10 x 7
20-01-25	11 x 6.5
30-01-25	10.5 x 4.7
21-03-25	Closed



Start treatment PneuMasox 16 January 2025



End treatment PneuMasox - ulcer closed

3. Professional experience

- Using PneuMasox, the ulcer was closed.
- The patient could apply the PneuMasox herself, reuse it repeatedly (environmentally friendly), and monitor the pressure herself.

4. Patient Experience

- Likes being in control of the treatment. The pressure in the PneuMasox was easy to control and adjust.
- Finds the PneuMasox easy and comfortable to apply.
- Was able to wear the PneuMasox with lace-up shoes.

Author: Student Physician Assistant Jacoline Sloothak – Wemer under the supervision of Dr. Laurens Barkema, Sneek, The Netherlands