

Autor: Krankenpfleger Leonardo Cosimo NITTI
Abteilung für Intensivmedizin (IRCCS, S. de Bellis Castellana Grotte BA, ITALIEN)
Leiter Dr. Francesco GABRIELE

Introduction: Male patient, 60 years old, suffering from diabetes for ten years, obesity. The medical history reveals that the patient used to wear sandals for 15 hours a day whilst he was working as a truck driver. Due to neuropathy (anaesthetic foot), the patient did not notice the appearance of multiple lesions on the left foot. Outpatient treatment due to diabetes for two weeks.

Diagnosis: Diabetic neuropathy.

Medical therapy: Antibiotics and balancing of the blood sugar level.



Treatment:

Debridement with proteolytic enzymes and application of black polyurethane with honeycomb structure (15x10x1 cm) to the lesions. Covered with white polyurethane with honeycomb structure (15x10x1 cm) for three weeks, with dressing changes at intervals of 48-72 hours. Followed by dressings with white polyurethane with honeycomb structure (15x10x1 cm) in contact with the lesion, fixed with polyurethane bandage with honeycomb structure (300x5x0.3 cm) until healing.

Result: Healing after 90 treatment days.

Materials used:

- Proteolytic enzymes (DIFFERENT TYPOLOGIES);
- Black polyurethane dressings with honeycomb structure (**MOMOSAN**), sterile 15x10x1cm;
- White polyurethane dressings with honeycomb structure (**MOMOSAN**), sterile 15x10x1cm;
- White polyurethane bandages with honeycomb structure (**MOMOSAN**), non-sterile 300x5x0.3 cm;

DISCUSSION:

The clinical case described shows the critical aspect in connection with the severity of the ischaemic disease, the advanced age and the poor nutritional status, whilst emphasising the results achieved considering the refusal of the recommended surgical therapy. The results can be considered outstanding. Also, because they were achieved at the patient's home by a male nurse specialised in the area of wound care.

Considering the fact that the case was solved within a relatively short period of time, this report emphasises the significance of the use of polyurethane dressings with honeycomb structure (**MOMOSAN**), which can, compared to other aids, treat lesions with low costs.

Patient: Male, 60 years old, suffering from diabetes for ten years, obesity.