

**Introduction:** patient, 88 years old with ischemic extremity, undernourished with (CML) Chronic Myelogenous Leukaemia, large necrosis on the left foot

**Diagnosis:** Critical ischemia in the left leg

**Chirurgische Therapie:** Revaskularisierung oder Amputation des Gliedmaßes. Die Patientin lehnt die chirurgische Behandlung ab.

**Surgical therapy:** Revascularisation or amputation of the extremity. The patient declines surgical treatment

**Medical therapy:** Anticoagulants, antibiotics and local treatment with wound dressing.

**Treatment:** Debridement with proteolytic enzymes and black MOMOSAN® polyurethane foam dressing 15x10x1cm for two weeks, releasing the toes from the joint, then negative-pressure wound therapy is used for eight days with 60/80mmHg. Further dressings are used with white MOMOSAN® polyurethane foam 300x5x0.3cm.



**Ergebnis:** Healed after 150 days of treatment.

**Materials used:**

- proteolytic enzymes (different typologies).
- MOMOSAN® sterile black polyurethane dressing 15x10x1cm.
- MOMOSAN® sterile white polyurethane dressing 15x10x1cm.
- non-sterile roll of MOMOSAN® white polyurethane dressing 300x5x0.3cm.
- negative pressure wound therapy (The.s.is.) – non-motorised NPWT system.

**Discussion:** Considering the criticality of this clinical case with correlated serious health problems, and the advanced age at which the patient declined the recommended surgical therapy, the result achieved is excellent in addition because the wound therapy was performed at home by a wound care specialist nurse.

When you consider that this extremely serious case, was resolved in a relatively short time and at moderate cost. Low cost materials of the newest generation and non-invasive techniques were used.

References: 1)EPUAP Treatment of Pressure Ulcers: Quick Reference Guide 2009. 2)European Wound Management Association (EWMA). Positionierungsdokument: Die topische Unterdruck bei der Wundbehandlung. London: MEP Ltd, 2007. 3) Armstrong DG, Lavery LA; Diabetic Foot Study Consortium. Negative pressure wound therapy after partial diabetic foot amputation: a multicentre, randomised controlled trial. Lancet. 2005 Nov 12;366(9498):1704-10); polyurethane medications is MOMOSAN.