

TREATMENT OF A CHRONIC ULCER WITH EVIDENCES OF ANGIOGENESIS AND REVASCULARIZATION

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Cellular therapies using Autologous Platelet Rich Plasma (A-PRP®) and Autologous Trombine Serum (ATS) provides new options for wound treatment.

The efficacy of the treatment has been proven in surgical applications, in the treatment of severe burns and in transplantation of cells and tissues.

Local application of a solution of plasma enriched in platelets derived from the patient's blood intends to trigger the healing process in non-responsive chronic wounds, increase the wound repair rate and reduce pain.

Mixed chronic ulcers on the lower limb with tendons exposed in a 83-year-old woman.

Clinical situation: The patient was hospitalized for this chronic ulcer for three months without any improvement.

Risk factors :

- Lower limb obstructive arteriopathy.
- Rheumatoid arthritis.
- Knee prosthesis.



Case at day 1, before the treatment with PRP. Total surface area of the lesion is 97.6 cm².



Ulcer healing after 5 months of treatment with PRP (7 applications). Total surface area of the lesion is 20.7 cm².

Results: after the first application, patient was able to go at home and follow the treatment in an ambulatory way. After 5 months, the ulcer is almost completely healed. Wound bed is revascularized.

Cost-effective: inexpensive, earlier discharge, also for early-stage wounds.

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