

TREATMENT OF BURNS

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Cellular therapies using A-PRP® (Autologous Platelet-Rich Plasma) 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.

Chest and abdomen burns, 81-year-old female patient

Clinical situation: This patient was admitted for deep 2nd degree and partially 3rd degree burns on chest and abdomen. The wounds presents a lot of adherent fibrin. The patient couldn't undergo surgery as she presented too high risks factors: cardiac insufficiency, renal insufficiency, prior vascular cerebral accident, deep venous thrombosis.

Treatment: application every 7 days of a mixture of Autologous Platelet Rich Plasma (A-PRP®) and Autologous Thrombine Serum (ATS) to form a gel *in situ*.



(A) Before treatment with A-PRP + ATS.



(B) Results after 6 weeks of treatment.

Results: At 41 days, after 5 applications, most of the burned areas are healed with complete re-epithelization. Only the deeper burned area are not totally epitheliazed but have been drastically improved.

RegenKit® Surgery

