



AESTHETIC AND COSMETIC DERMATOLOGY (LASERS SEPARATE CATEGORY)

PLATELET RICH PLASMA IN CAPILLARY: EXPERIENCE OF DERMATOLOGY DEPARTEMENT OF CHU HASSAN II FES MOROCCO

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Background: Platelet rich plasma (PRP) has emerged as a new treatment modality in regenerative plastic surgery and dermatology. It is a simple, cost-effective and feasible treatment option with great patient satisfaction for hair loss and can be considered as a valuable adjunctive therapy modality for non-scarring alopecia.

Objective: This study aims to evaluate the efficiency of platelet-rich plasma in capillary pathologies.

Materials and methods : This was a prospective study conducted in the Dermatology Department of CHU HASSAN II in Fez, over a period of 18 months, from January 1, 2017 to August 30, 2018, including all patients who benefited from platelet-rich plasma sessions. for all hair indications combined.

Results: Eighteen patients were enrolled: 11 women and 7 men with a sex ratio of 0.61. The professions found were: 6 doctors, 4 housewives, 3 students, and 4 executives. 16 patients had a good socioeconomic level and 2 had an average level. The average age of the patients was 31 years old. The indications found were 13 patients with alopecia androgenic genetics, 1 patient with telogen effluvium, 3 patients had an association AAG and telogen effluvium, and a patient with frontal alopecia fibrosing. The one-month protocol used in 8 patients and the 15 days in 10 patients. All patients had parallel treatments associated minoxidil, iron supplementation, vitamin D ... and all patients had benefited from blue light post PRP. The main complications were pain rated on average at 5.05, redness and headache in 4 patients. The improvement was significant in 11 patients, average in 4 patients and low in 3 patients.

Conclusions: Injection of capillary PRP is simple, cost-effective and can be considered as a valuable adjunctive therapy for hair loss. Considering its excellent safety profile and affordable cost, PRP treatment remains a promising treatment option.

