Skin rejuvenation with autologous concentrated platelet-rich plasma

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Abstract

Objective The aim of this study was to assess the efficacy of autologous platelet-rich plasma (PRP) injection for facial rejuvenation.

Patients and methods In a 6-month study, 20 female patients were treated with three sessions of injection with PRP every month from October 2011 to March 2012. Patients received 3 ml of PRP, activated with calcium chloride into face and neck skin. The study was evaluated by comparing the pre-injection and post-injection photographs using digital camera, by final patient’s satisfaction questionnaire, and by physician’s impression.

Results A definitive graduated score was found for each patient by adding the final result of each single parameter. Good results were observed in the skin homogeneity and emotional status of the patient without serious side effects.

Conclusion PRP had an effective treatment in skin rejuvenation without serious side effects.
The aim of this study was to assess the efficacy of autologous platelet-rich plasma (PRP) injection for facial rejuvenation. In a 6-month study, 20 female patients were treated with three sessions of injection with PRP every month from October 2011 to March 2012. Patients received 3 ml of PRP, activated with calcium chloride into face and neck skin. The study was evaluated by comparing the pre-injection and post-injection photographs using digital camera, by final patient’s satisfaction questionnaire, and by physician’s impression. A definitive graduated score was found for each patient by adding the final result of each single parameter. Good results were observed in the skin homogeneity and emotional status of the patient without serious side effects. PRP had an effective treatment in skin rejuvenation without serious side effects. The study was evaluated by comparing the pre-injection and post-injection photographs using digital camera, by final patient’s satisfaction questionnaire, and by physician’s impression. A definitive graduated score was found for each patient by adding the final result of each single parameter. Good results were observed in the skin homogeneity and emotional status of the patient without serious side effects. PRP had an effective treatment in skin rejuvenation without serious side effects. The aim of this study was to assess the efficacy of autologous platelet-rich plasma (PRP) injection for facial rejuvenation. In a 6-month study, 20 female patients were treated with three sessions of injection with PRP every month from October 2011 to March 2012. Patients received 3 ml of PRP, activated with calcium chloride into face and neck skin. The study was evaluated by comparing the pre-injection and post-injection photographs using digital camera, by final patient’s satisfaction questionnaire, and by physician’s impression.

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