Assessment of the Efficacy of Platelet Rich Plasma (PRP) for Facial Rejuvenation in Different Age Groups

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Introduction
PRP is a cutting-edge form of regenerative medicine that has widely used for aesthetic medicine. Despite increasing in popularity, there is still lacking of evidence support due to the lack of consistent method in application.

Objective
To assess the clinical efficacy and patient satisfaction of a 3-months PRP treatment regime for facial rejuvenation in different age group patients.

Method
51 patients ranging from 20 to 59 years of age were recruited for this study. They were divided into two groups according to their age: Group A (20-39 years of age) included 20 patients and Group B (40-59 years of age) included 31 patients. Written consent was taken. All patients received total six sessions of PRP treatment at 2-week interval. Nine mililitre of PRP were injected into 8 standardized points. Assessment was carried out using Severity Rating Scale (WSRS) and Global Aesthetic Improvement Scale (GAIS). Patients were followed up for 6 months.

Result
15 of 20 patients from Group A while 20 of 31 patients from Group B showed significant improvement in both WSRS and GAIS assessment. Group A patients resulted higher satisfaction level in their appearance. Safety profile of PRP treatment was excellent with minimal downtime.

Conclusion
3-months PRP treatment regime is effective and safe for facial rejuvenation resulting high satisfaction level on both age group patients. This treatment regime could be considered as an effective procedure for skin maintenance.

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