

Scientific Tracks

Use the P.R.P. in severe bone defects

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Tissue regeneration is a crucial therapeutic aspect to achieve a complete and harmonious esthetical and functional oral rehabilitation. The need to overcome problems such as long recovery time, high costs for both clinician and patient, cross-infection risk, led to developing new techniques based on growth factors huge potential via PRP and PRF, obtained in the office before the surgical procedure.

Aim of the study is to demonstrate the influence of using growth factors in bone regeneration in advanced implantology cases, such as severe bone defects that involve maxillary sinus. The preliminary study of complex cases through CT scan and computerized implant software, it's crucial for an accurate preoperative evaluation of the anatomic limitations and facilitates preoperative planning of therapeutic strategy.

Biography: Maurizio Serafini completed Degree in Medicine and Surgery in University of Chieti Gabriele D'Annunzio in 1985. He is a Dental Practitioner, Chieti. Mostly involved in implant-prosthetic rehabilitation in patients with bone atrophy, with personal case studies in the technique of intraoral bone graft and use of mitogenic agents &/O growth factors: PRP, aimed at an excellent aesthetic result. Professor, 2014 and 2011 at Master in Oral Implantology and Prosthodontics, University of Bari. 2005-2008 Tutor and Research Scientist for Alpha-Bio. 1997-2003 Participated with the team of Prof. P. Morselli in sagittal osteotomy combined surgery to resolve Ortognatodontic severe problems, at "Villa Castiglione" private clinic in Bologna. Maurizio Serafini published 12 posters and 10 publications in International Journal, I currently participated at many International Congress of Medicine and Dentistry about Growth Factor. Elected to the World's Top 100 Doctors, Class 2022.

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