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BONE REGENERATION USING FRESH FROZEN ALLOGRAFTS COMBINED WITH STEM CELLS

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Bone regeneration is one of the most useful technique to avoid early and future complications in oral implantology. Many times, incorrect three-dimensional position of the implants is the reason why our treatments can fail, but we can avoid it having a enough amount of bone support. In the literarture, almost every authors agree that the autologous bone is the "gold standard", but there are some disadvantages in the use of it. When the lack of bone that we have to regenerate is big, the intraoral donnor sites can not supply all the necessary amount, and we need to use other materials. Allografts are the most similar "sccafold" to autologous bone, and we supply the lack of cellularity doing a bone marrow aspiration to obtend messenquimal stem cells.

Biography

Pablo Esteban Castán has studied Odontology in European University of Madrid. He completed his studies doing differents Clincial Residents in Spain and in EEUU. Eight years ago he and his work team developed a technique to form new bone using allografts and mesenchymal stem cells. He has a private dental office focussed on Microsurgery and Oral Implantology in Zaragoza, Spain.

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