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Demystifying the Damon System

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Introduction: The PRF (Platelet Rich Fibrin), PET (Partial extraction technique) also known as socket shield technique and incorporating everything the CTO Technique (Coronal Trans-Odontal Technique). These are three different procedures in the literature and refined to use together for better bone preservation. With all allogeneic materials other than the implant reducing cost and chance of rejection. Use of biological growth factors and ideal placement of the implant preparing the anatomical tooth before using the same as a guide for immediate placement all proves to be promising in osseointegration and bone preservation. All procedures were performed between two privately owned offices by the same surgeon.

Methods: Pre and Post CBCT used for comparison. Only patients with conditions which contraindicated the placement of implants and without medical clearance were not treated.

Results: Total of 39 implants, 30 Maxillary, 7 mandibular, 2 deciduous performed. 1 failure (97.4% success) after 2 years in function.

Conclusion: Use of PRF was a breakthrough in implant dentistry. Socket shield technique proves to be another positive influence in Implant dentistry by helping prevent bone loss. The CTO Technique performed by two private clinics in NY proves to help properly place and implant the same day without the use of static guides. Use all three procedures prove to enhance osseointegration and proper placement of an implant in 3 dimensions.

Biography

"After receiving his DDS Degree from the Dental School of Case Western Reserve Ohio in 1994, He moved back to Brooklyn, New York where he worked at a General Practice Residency at Kings County Hospital Between 1994 to 1999. Also Completing a 2 year program at the United States Dental Institute, where he was an orthodontics resident. Dr. Mike E. Calderón also completed 3 years at New York University as an Implant Resident. He has an extensive education and experience in Implant Dentistry (having placed more than 8000 implants). Dr. Calderón is a member of the Academy of General Dentistry, Diplomate of the ICOI, a Fellow and Diplomate of the American Academy of Implant Dentistry and Diplomate of the ABOI/ID. He established his private practice in Bay Shore, New York where he provides both advanced surgical and prosthetic phases of Implant dentistry for his patients. His ambition, sincerity, and passion for Dentistry are quite apparent when you meet him.

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