combined surgical procedures for improving aesthetics in moderate to severe bone deficiencies in the anterior maxilla

program description:
Alveolar bone deficiency, especially in the anterior maxillary area, can prevent ideal implant placement and jeopardize the aesthetic outcome. The anatomic configuration in the atrophic site creates acquired Angle Class III malocclusion influencing the surgical choices. In this program, clinical cases demonstrating moderate-to-severe maxillary atrophy are described, including a combination of sub-nasal, sinus elevation procedure, and cases where intraoral autogenous bone blocks are used for ridge augmentation prior to, or simultaneously with dental implant placement. The ridge augmentation procedures are combined with the creation of a scaffold mixed with platelet-rich-plasma (PRP) or bone-marrow aspirate (BMA) and covered with platelet-poor-plasma (PPP) as a biological membrane.

program objectives:
At the completion of the program, participants should be able to:

- Have an understanding for how to treat the aesthetic zone in cases with moderate to severe maxillary atrophy.
- Understand when there is a need for combined therapy.
- Have the knowledge to use PPP as a biological membrane.
- Know how to perform clinical procedures with autogenous bone blocks.

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Dr. Devorah Schwartz-Arad received her DMD and PhD degrees from the Faculty of Medicine, Hebrew University, Jerusalem, Israel. She is a specialist in Oral and Maxillofacial Surgery and was the senior lecturer in the Department of Oral and Maxillofacial Surgery at the Maurice and Gabriela Goldschleger School of Dental Medicine, Tel Aviv University. Dr. Schwartz-Arad is the author or co-author of invited reviews and has published numerous scientific articles and abstracts. She has presented more than 100 papers at scientific meetings and international academic conferences in Israel, Europe and the United-States. Dr. Schwartz-Arad is the owner and senior surgeon of a surgical center which focuses on maxillofacial surgery, advanced implantology, periodontology and endodontology in Ramat-Hasharon, Israel.

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