

**Maxillary sinus augmentation - diagnostic and surgical technique**

Anca Delia Vereanu<sup>1</sup>, Dana Tomescu<sup>2</sup>, Manuela Andra Savu<sup>3</sup>, Codruț Sarafoleanu<sup>3</sup>

<sup>1</sup>Department of Oral Implantology, Clinical Hospital of Oro-Maxillo-Facial Surgery “Prof. D. Theodorescu”, UMF Carol Davila, Bucharest, Romania

<sup>2</sup>Department of Anesthesiology and Intensive Care III, “Fundeni” Clinical Institute, Bucharest Romania

<sup>3</sup>ENT&HNS Department, “Sfanta Maria” Hospital, Bucharest, Romania

**ABSTRACT**

Placing dental implants in edentulous patients is a difficult task, as the anatomy of patients has a high variability. The expansion of the pneumatized maxillary sinus after tooth extraction is the biggest impediment of all. Because of the undersized ridge width patients need bone grafting in order to compensate the loss of their own. This procedure is performed by the oro-maxillo-facial surgeon who evaluates, advises and offers the patient the best medical guidance. A series of surgical techniques and surgical implants have been performed in the field of bone grafting, but only a few of them are now being used.

**Key words:** dental implant, sinus lift, maxillary sinus, surgery

Corresponding author:

Dana Tomescu MD, PhD

Department of Anaesthesia and Critical Care III, Fundeni Clinical Institute

Associate Professor “Carol Davila” University of Medicine and Pharmacy

258 Fundeni street, Bucharest, Romania

E-mail: danatomescu@gmail.com