

Current Orientations in Proimplant Alveolar Bone Addition

Norina FORNA^{1, 6}, Andrei KOZMA^{2, 6}, Doriana AGOP-FORNA^{*3},
Claudiu TOPOLICEANU⁴, Calin TĂTARU⁵

¹ Faculty of Dental Medicine, UMF"GrigoreT.Popa", Iași, Romania

² National Institute for Maternal and Child Health"Alexandrescu-Rusescu",
București, Romania

³ Faculty of Dental Medicine, UMF"GrigoreT.Popa", Iași, Romania

⁴ Faculty of Dental Medicine, UMF"GrigoreT.Popa", Iași, Romania

⁵ Faculty of Dental Medicine, UMF"GrigoreT.Popa", Iași, Romania

⁶ Academy of Romanian Scientists, Splaiul Independentei nr. 54, sector 5, 050094
Bucuresti, Romania

* Corresponding author e-mail: dr.doriana.forna@gmail.com

Abstract

In the context of the increased prevalence of dental caries and periodontal disease reported in our country, the extensive partial edentation is a common pathology, which requires complex treatment solutions. Implant-prosthetic therapy is the optimal treatment solution from a biological, functional and biomechanical point of view. Interdisciplinary management of implant-prosthetic therapy frequently involves the reconstruction of alveolar ridges in the pro-implant stage. The specialists in implantology and dento-alveolar surgery face the issue of the selection of grafting materials and techniques in relation to systemic, loco-regional, local factors and the planned prosthetic solution. In this context, a practical guide for the use of grafting materials and techniques may be useful to practitioners in order to optimize the aesthetic and functional results in the implant-prosthetic therapy of edentulous patients.

Keywords: edentation, alveolar resorption, implant-prosthetic therapy, alveolar bone addition

DOI <https://doi.org/10.56082/annalsarscibio.2020.2.64>

Introduction

In the context of the increased prevalence of dental caries and periodontal disease in our country, extensive partial edentation is a common pathology, which requires complex treatment solutions. (Forna N, 2008). The implant-prosthetic therapy is the optimal treatment solution from a biological, functional and biomechanical point of view. The alveolar bone addition techniques used in the pro-implant stage are required to facilitate the correct positioning of the dental implants,