

**A PROSPECTIVE EVALUATION OF OUTCOMES OF TWO TAPERED IMPLANT SYSTEMS**

M. ANDREASI BASSI<sup>1</sup>, M. A. LOPEZ<sup>1</sup>, L. CONFALONE<sup>1</sup>, R. M. GAUDIO<sup>2</sup>,  
L. LOMBARDO<sup>3</sup> and D. LAURITANO<sup>4</sup>

<sup>1</sup>Private practice, Rome, Italy; <sup>2</sup>Department of Medical Sciences, University of Ferrara, Ferrara, Italy; <sup>3</sup>Department of Biomedical Sciences and Specialist Surgeries, University of Ferrara, Ferrara, Italy; <sup>4</sup>Department of Medicine and Surgery, University of Milan-Bicocca, Milan, Italy

The purpose of this prospective clinical study was to evaluate survival rate (SVR - i.e. fixtures still in place at the end of the observation period) and success rate (SCR - i.e. bone resorption around the implant neck) of two tapered implant systems. Both systems were equipped with a tapered connection, one requiring bone-level (BL) placement, while the other required soft-tissue-level (STL) placement. In the period between January 1996 and October 2011, 133 fixtures were inserted, 90 in females and 43 in males, with a mean age of 60±11 years. The mean post-surgical follow-up was 64±38 months. Several clinical parameters were evaluated as potential outcome conditioners. An SPSS program was used for statistical analysis and a Cox analysis was performed. The SVR was 100% since no fixtures were lost. SCR, expressed through the mean marginal bone loss, was 88%. No significant differences were found, for most of the variables investigated with the exception of bone grafting and implant type: STL implants showed a better clinical outcome than BL implants when bone grafting was performed simultaneously with implant placement. Tapered implants are reliable devices for oral rehabilitation of jaws.

0393-974X (2016)

Copyright © by BIOLIFE, s.a.s.

This publication and/or article is for individual use only and may not be further reproduced without written permission from the copyright holder.

Unauthorized reproduction may result in financial and other penalties

**DISCLOSURE: ALL AUTHORS REPORT NO CONFLICTS OF INTEREST RELEVANT TO THIS ARTICLE.**