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**ABSTRACTS**

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**Immediate Load in Implants Inserted with Flap-less Surgery.**

*F. Demofonte\*, M. Corigliano, A. Barlattani, M. Gargari, L. Ottria*  
Univ. Tor Vergata, Rome, Italy

Immediate loading of dental implants is a technique advocated by several clinicians. The aim of this study was to evaluate the effect on Implant success of immediate loading in implants placed without raising mucogingival flaps. A total of 23 healthy adults, age 20-47, mean 33.5, 18 males, 5 females, were selected for the study. Inclusion criteria indicated that the edentulous area had to be single tooth, always adjacent to two natural teeth, with healthy mucogingival soft tissues, and lack of residual bone pathosis. Bruxists and subjects with parafunctional habits were not included. A total of 23 Implants (True Max Implant, Republic San Marino) were inserted (7 maxilla, 16 mandible) and immediately progressively loaded until to reach full load after 60 days. Implants were clinical monitored for stability, periimplant soft tissue health and bone height for 5 years every 6 months. Periodontal recall visits were performed at each follow-up visit. At 5 years (60 months) all implants inserted showed no clinical signs of gingival inflammation and no radiographical evidence of bone loss (greater than 0.1 mm) compared to the time of insertion. In conclusion, immediate loading of implants inserted in flap-less surgery is a safe technique if rigid protocols are followed.

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