

Accelerated Loading Protocol : A Synergy Between Mechanics and Biology

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Over the past three decades, oral implantology has proven to be a reliable and predictable technique for the rehabilitation of edentulous spaces. Attainment of this goal, however, is predicated on the ability of the implant to achieve osseointegration with its bony environment. This process passes through a primary stage characterized by mechanical stabilization of the implant, and a secondary stage of biological anchorage, the actual osseointegration process.

Different parameters such as bone density, implant macro and micro geometry and surgical techniques play a major role in achieving optimal implant primary and secondary stability. Understanding these parameters will allow us to predictably plan our future loading protocol (immediate, early or delayed).

During this presentation, scientific and clinical rationale will be presented in order to give the clinician an evidence-based approach, for early and immediate loading protocol, in everyday clinical situations, by using implants with versatile thread geometry adapted to different bone densities.

Profile

- * Specialist in Oral Surgery and Implantology
- * Associate Professor, Oral Surgery Department, Faculty of Dental Medicine, Saint Joseph University of Beirut, Lebanon
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