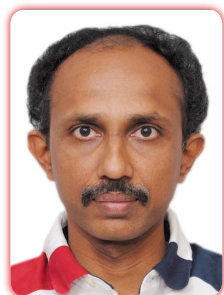


28<sup>th</sup> Asia Pacific Congress on

# DENTAL AND ORAL HEALTH

July 10-12, 2017 Kuala Lumpur, Malaysia



## Leela Krishna Mohan

*Siddhartha Institute of Dental Sciences, India*

### Immediate loading of dental implants

Teeth form an important component of the face. Missing teeth leads to several problems like nutritional, speech, psychological and esthetic problems to the patients; replacement of teeth is must to rectify these problems. Replacement of missing teeth can be done in many ways but implants stands as the best possible solution for replacement of missing teeth. In implants conventional two stage implants are the main mode of treatment for replacement. The main drawback of conventional implants is the time and number of surgical procedures involved. We may need to wait at least 2-3 months post extraction and 3-6 months in case if bone grafting is done for ridge augmentation and 3-6 months post implant placement for biological osseointegration and to functionally load the implant. So minimum it will take 3-12 months to complete the procedure. To overcome these difficulties the immediate implants also called as basal implants/monophasic implants have been designed. Basal implants design permits us to place them immediately even after extraction. The implants in maxilla are engaged into resorption resistant pterygoid, zygoma, palatal bone and nasal floor. Thereby, we can avoid sinus lifting & other bone grafting/augmentation procedures even in resorbed ridges. In case of mandible the lingual cortical bone in posterior region and basal bone in anterior region is used for implant anchorage. Immediate mechanical osseointegration is achieved with these basal implants unlike endosseous implants making them suitable for immediate functional loading. Esthetics may occasionally demand for bone grafting. The 2nd surgical procedure for abutment fixation is not required as these implants are single piece. The reduced surgical procedures, immediate functional loading and completion of treatment in 3-days make them highly advisable method of treatment over conventional implants. Only disadvantage is that these implants placement and prosthesis fabrication needs proper training.

### Biography

Leela Krishna Mohan has completed MDS in Oral and Maxillofacial Surgery and Implantology from Manipal Academy of Higher Education. Presently, he is working as a Professor in Department of Oral and Maxillofacial Surgery and Implantology in Siddharth Institute of Dental Sciences, Vijayawada, India. He has 8 PubMed indexed publications and 5 other publications. He is a certified Master and Teacher of International Implant Foundation Munich, Germany for Immediate Implants.

[drleelakrishna@gmail.com](mailto:drleelakrishna@gmail.com)

### Notes: