Gaurav Singh, Oral Health Dent Manag 2015, 14:2
http://dx.doi.org/10.4172/2247-2452.S1.006

OMICS International
conferenceseries.com

International Conference and Exhibition on
Dentistry

March 18-20, 2015 Dubai, UAE

Immediate loading revisited with the concept of intra-oral welding

Gaurav Singh
Aligarh Muslim University, India

In implant dentistry, it has been claimed that process of osseointegration requires on an average undisturbed healing of three months in mandible and six months in maxilla. To decrease this time, the concept of immediate loading was introduced, initially many clinicians were doubtful about immediate loading. They advised that immediate load exerted at implant interface may interfere with the process of bone healing, lead to implant failure. But, many clinical and in vitro trials have shown that long term success of removable and fixed prosthesis of immediate loaded implants can be achieved. Bone quality and quantity may play significant role. Beside accurate pre-surgical diagnostic and treatment planning, implant macro & micro design, the adequate fixation and immobility of the Implant are of utmost importance to prevent the risk of micro movement related to surrounding bones. A high predictability of immediate implant loading with fixed provisional restoration has been shown in many reports. All previously describe technique for reinforcement of acrylic resin provisional restorations involve either the use of thin wire or fibers throughout the span, or a time consuming fabrication of a cast metal framework. The main objective of this presentation is to introduce a prosthetic concept for an accelerated rigid splinting of multiple implants for same day immediate loading with metal reinforced acrylic resin provisional restorations by utilizing the syncrystallization technique.

Biography

Gaurav Singh has completed his BDS from Karnataka University, India in 1996 and MDS in Prosthodontics & Oral Implantology from Rajiv Gandhi University of Health Sciences, Bangalore in 2001. After completing his Master's degree he is working in the Department of Prosthodontics, Dr. Z.A. Dental College, AMU, Aligarh till date. He is working as Associate Professor in the department. He has many articles, published in both National and International journals.

singh.gaurav74@gmail.com