



# 2nd International Conference on Dentistry

May 7-9, 2018 Rome, Italy

## All on Four: Immediate Implant Loading Process in the Mandible

**Hasan Necdet Alkumru**

University of Western Ontario, Canada

Number of completely edentulous patients is increasing due to increased life expectancy, considerably high number of adult and elderly patients still need dental treatment for their edentulism.

Some of those patients cannot tolerate removable complete dental prosthesis and may require more sophisticated techniques

Almost all patients have information about implant supported dental prosthesis to some extent and they prefer to have this kind of dental treatment because of increased retention and stability of artificial teeth. Unfortunately because of financial restrictions a high number of edentulous patients have to postpone implant supported prosthesis option.

Osseo integration becomes an excellent treatment modality for completely edentulous patients. The better understanding of osseointegration has led to the one-stage surgeries and to minimize the period between the implant surgery and the prosthesis placement.

The maxilla requires more implants than the mandible for a fixed prosthesis although four implants are suggested for either dental arch.

In this presentation; the protocol for immediate loading and all on four treatment modality and long term outcome of immediately loaded all on four type dentures will be discussed.

### Biography:

Dr. Hasan Alkumru was appointed as an Associate Professor, Division of Restorative Dentistry, Discipline of Prosthodontics at the University of Western Ontario Schulich School of Medicine and Dentistry, effective September 1st, 2014.

Dr. Alkumru received his DDS (1979) in University of Ankara, Faculty of Dentistry and his PhD (1984) in Birmingham University Faculty of Dentistry UK in collaboration with Ankara University. After that he joined to Ankara University, Faculty of Dentistry as an Associate professor until 1998. He became a full time professor in Marmara University, Istanbul and worked as the Head of Department of Prosthodontics and the Vice Dean in between 1999 – 2008.

Dr. Alkumru joined to The University of Toronto in 2009. He was the Head of Department of Prosthodontics, Director of Graduate Prosthodontics Program and Director of Implant Prosthodontics Unit at the University of Toronto, Faculty of Dentistry. He mentored three master thesis related to implant prosthodontics during his service in UofT.

Dr. Alkumru is the course director of Second Year Removable Prosthodontics course and also gives several lectures to the third and fourth year students in Restorative Dentistry Courses along with other administrative roles in UWO.

He published more than 50 articles in international journals, was selected as Keynote Speaker in International Congresses and has trained and mentored graduate students in the area of Implant Prosthodontics and Biomaterials research throughout his career. Dr. Alkumru is a licensed Prosthodontist in Canada maintains an active practice in his office in Toronto, Ontario, dedicated to Prosthodontics, Implant Dentistry, and Esthetics.