OMICS International
conferenceseries.com

International Conference and Exhibition on
Dentistry

March 18-20, 2015   Dubai, UAE

Guidelines and rationale behind Abutment selection and designing in Implant Prosthodontics

Abhinav Gupta
Maulana Azad institute of Dental Sciences, India

The implant evolution has become a "restorative driven" field and it is therefore important to know the designing principles of abutments and its connection to the implants and its rationale for use in clinical practice. During the past several decades, there has been a significant increase in the number of dental implant manufacturers and implant restorative components available for clinicians and dental laboratory technicians. Selecting the appropriate abutment can be both complex and confusing with the ever-increasing number of implant choices and transepithelial abutments available. Many restorative dentists resort to fabricating costly custom abutments to avoid the selection process. Although custom abutments are at times necessary, prefabricated abutments are usually more desirable. This article will describe the various abutments available and how to select the correct abutment for a given clinical situation in an organized, systematic fashion. Criteria discussed include implant position, angulation, soft tissue height, and interocclusal space. The latest modifications and developments in implant abutments are reviewed along with an indirect method of selecting abutments in a laboratory setting.

Biography

Abhinav Gupta has completed his BDS and MDS in Prosthodontics and Oral Implantology from Manipal Academy of Higher Education, Manipal, India. He is a consultant and senior Assistant Professor in Department of Prosthodontics, Aligarh Muslim University, Aligarh. He has worked in a govt. funded research project in the field of oral implants at Maulana Azad institute of Dental Sciences, New Delhi. He has completed one year advanced training in oral implantology from DGOI Germany. He has research articles published in both National and International journals.

abhiprakash2@yahoo.co.in

Oral Health Dent Manag 2015
ISSN: 2247-2452, OHDM an open access journal

Dentistry-2015
March 18-20, 2015

Volume 14, Issue 2

Page 111