



Journal of Prosthodontics Dentistry
An Official Publication of Bureau for Health & Education Status Upliftment
 (Constitutionally Entitled as Health-Education, Bureau)

Analyze The Effect of Stress Distribution on Platform Switching in Screw Retained Implant- A Three Dimensional Finite Element Study

*Dr. Sneha B. Chole, Dr. Aditi S. Sarada, Suresh Khiyani, Shrinivas A. Shinde,
 Snehal Ukey, Niraj Bhalerea*

PG student, Department of Prosthodontics & crown & Bridge & Implantology, Aditya Dental College, Beed
 Senior Lectural, Department of Conservative Dentistry & Endodontics, Aditya Dental College, Beed
 HOD, Department of Prosthodontics & Crown & Bridge & Implantology, Aditya Dental College, Beed
 PG student, Department of Prosthodontics & crown & Bridge & Implantology, Aditya Dental College, Beed
 PG student, Department of Prosthodontics & crown & Bridge & Implantology, Aditya Dental College, Beed
 PG student, Department of Prosthodontics & crown & Bridge & Implantology, Aditya Dental College, Beed

Email Id: serviceheb@gmail.com

INTRODUCTION

The goal of modern dentistry is to restore the patient to normal contour, function, comfort, esthetics, speech, and health¹. Over the years, traditional method of tooth replacement are slowly and steadily being replaced by newer modalities². The application of dental implant for prosthodontics reconstruction can be traced back to ancient Egypt where sea shell were hammered into human jaw bone to replace missing teeth⁴. The basis of increasing popularity of dental implant is the discovery by Per-Ingvar Branemark and his co-workers of the tenacious affinity between living bone and titanium oxides, termed osseointegration.²

What makes implant dentistry unique is the ability to achieve this goal, regardless of the atrophy, disease, or injury of the stomatognathic system. The increased need and use of implant related result from the continued effect of a number of factors like an ageing population living longer, tooth loss related to age, consequences of fixed prosthesis failure, anatomic consequences of edentulism, poor performance removable prosthesis, consequences of removable partial denture, psychological aspect of tooth loss, predictable long term results of implant supported prosthesis, advantages of implant supported prosthesis.

Access this Article Online

Website: <http://heb-nic.in/jopd>

Received on 27/12/2021

Accepted on 08/02/2022 © HEB All rights reserved

Quick Response Code:

