



**ASSESSMENT OF BITE FORCES IN TEMPOROMANDIBULAR JOINT  
ANKYLOSIS PATIENTS – A RETROPROSPECTIVE STUDY**

by

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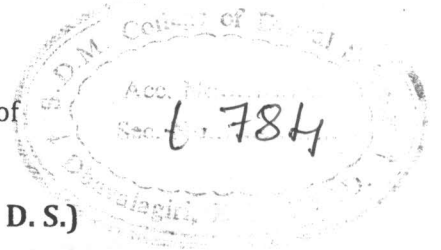
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## ABSTRACT

### PURPOSE:

The reason for undertaking this study is to ascertain restoration of masticatory function after treatment of ankylosis of the temporomandibular joint. Maximum biting force is an important parameter of masticatory function that is relatively easy to measure. Thus in this study bite force measurements will be used to evaluate changes in, and duration of restoration of masticatory function in patients treated for temporomandibular joint ankylosis

### METHODS

A total of 30 patients, who were/will be treated for temporomandibular joint ankylosis in the Craniofacial Surgery & Research Centre, Department of Oral & Maxillofacial Surgery, S. D. M College of Dental Sciences and Hospital, Dharwad, from 1<sup>st</sup> December 2007 to 1<sup>st</sup> July 2009. A control group of 30 age and sex matched individuals will be included in this study.

The criteria for selection of TMJ ankylosis patients are

