

# 17th International Symposium for Surgical Prosthetics and Epithetics



**Topic: "Surgical and prosthetic reconstruction  
of lid and orbital defects",  
as well as topics of choice.**

**Registration and abstract** of a ( ) Presentation on the main topic (X) Free topic using:  
(X) PowerPoint presentation ( ) Slide projection  
**Deadline : 31 - 03 - 2005** ( ) VHS - Video or MiniDV. (Only the PAL system may be used)  
( ) Workshop

**The abstract must be submitted in German and English!!!!!!!**

**Copy this sheet for your English version !!!! No proofreading will be done by the society!**

**Use only the Times New Roman font, 10 points, 35 lines maximum !**

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Title of the presentation: **Studies on masticatory efficiency in patients after resections in the maxillary region**

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**Abstract :**

The goal of the study is a review of masticatory efficiency using objective measurements. With this functional method, 3 groups of test subjects were compared (20 patients with resection prostheses, 20 patients with full prostheses, 20 patients with their own complete sets of natural teeth). The defined mastication materials were reduced to small pieces under comparable external conditions. A mechanical screening process which took account of the particle sizes and quantities was used, together with a computer analysis. Finally, all test subjects completed a standardized nutrition report of the German Nutrition Society.

The results showed that the masticatory efficiency of the patients with resection prostheses was the lowest. The chronological age of the patients, the number of their own teeth, the number of the existing support zones and the type of chewing pressure distribution were taken into account as influencing factors.

Based on the aforementioned results and the data from the nutrition reports, an attempt was made to develop nutritional guidelines for patients with resection prostheses.

**Send abstracts to: Via e-mail (preferred) [anaplastologie@aol.com](mailto:anaplastologie@aol.com) or  
on CD (ISO 9660) (!!!!!!! NO DISKS !!!!!!!!) to**

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