

PROSTHETIC REHABILITATION OF PATIENTS AFTER SURGICAL TREATMENT OF MAXILLARY TUMORS WITH REGARD TO THE UPPER AIRWAY PROTECTION

Dariusz Rolski^{1*}, Jolanta Kostrzewa-Janicka¹, Robert Nieborak¹, Dorota Przybyłowska¹, Zygmunt Stopa², Elżbieta Mierzwińska-Nastalska^{1*}

¹ Department of Prosthodontics, Warsaw Medical University

Chair: E. Mierzwińska-Nastalska, MD, PhD,

² Surgery clinic cranial and maxillofacial, Warsaw Medical University

Chair: Hubert Wanyura, MD, PhD

* author responsible for correspondence

Department of Prothodontics , Warsaw Medical University

Nowogrodzka 59, 02-006 Warsaw, Poland

katedraprotetyki@amwaw.edu.pl

In consequence of the surgical treatment of maxillary tumors the connection between oral and nasal cavities is formed, which leads to serious functional disorders, manifested by inability to naturally eat food, proper speech articulation, as well as by respiratory route disorders and upper-airway inflammation. These morphological and functional disorders are intensified by supportive treatment in the form of radio- and/or chemotherapy. The aim of this paper is to present different possible methods of rehabilitation, including application of interim obturators and individually planned prosthetic restorations able to improve respiratory efficiency in patients after extensive maxillary resections. In the course of prosthetic treatment the cooperation with the laryngologist to consider every aspect of chronic paranasal sinusitis with concurrent inflammation of oral, nasal and laryngeal mucous membrane was of paramount importance. Following the rehabilitation an evident improvement in the masticatory efficiency, speech articulation and respiration was observed. Edentulous patients, in whom implant-prosthetic treatment was possible to apply showed particularly good effects. A comprehensive and multidisciplinary care of postoperative patients greatly contributes to their better quality of life, as well as to return to their prior living situation, occupational and family lives.