

ENHANCEMENT OF ORTHOPAEDIC CARE FOR PATIENTS WITH EXTRAORAL PATHOLOGY WHO ARE UNDERGOING RADIATION THERAPY

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A staged prosthetic treatment approach is implemented to improve the quality of life of patients who have undergone extensive oncologic procedures in the maxillofacial region. Significant advancements in the field of facial prosthetics have been spurred by the development of materials that more closely resemble living tissue in recent decades. siloxanes are included in these materials. The Central Scientific Research Institute of Prosthetics has conducted experimental and clinical studies that have revealed that silicone prostheses are biologically inert, maintain their shape, and retain their elasticity and strength [2]. Technologies such as rapid prototyping and three-dimensional modelling are currently being actively implemented.

Keywords: rehabilitation, oncology, maxillary defect, combined defects, formative prosthesis, facial prostheses

Methods and materials: The maxillofacial tumour department observed forty patients who underwent treatment for malignant tumours in the maxillofacial region

Findings of the investigation. In addition to enhancing the patients' appearance, maxillofacial prostheses enabled the complete restoration of facial deformities, biting, swallowing, and articulation functions.

In conclusion. The primary objective of the rehabilitation measures complex is to offer timely and comprehensive orthopaedic treatment to patients who have undergone extensive surgery for malignant neoplasms and have postoperative defects of the maxillofacial tissues.

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