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### Evaluation of the quality of life of edentulous patients using complete dentures

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**Aim:** The quality of life conditioned by the state of health defines the patient's self-assessment regarding the impact of the disease and the treatment used on its functioning in the physical, mental and social spheres. Edentulousness is a disease that significantly affects the proper functioning of the body and adversely affects the mental sphere of the patient. The aim of the study was to evaluate the impact of the construction of dentures made according to two different methods of clinical-laboratory proceedings on improving the quality of life of edentulous patients.

**Material and Methods:** The study involved a group of 60 edentulous patients (58 to 68 years) of both sexes, using complete dentures. Patients were divided into two groups: Group I (30 patients) using complete dentures made according to the bio functional system. Group II (30 patients) using dentures made according to the conventional method. All patients underwent a physical, physical and clinical examination of the used dentures. For a subjective assessment of the quality of life associated with oral health, the General Oral Health Assessment Index (GOHAI) was used. The questionnaire study was conducted in patients of both groups before and after the treatment. The obtained results were subjected to statistical analysis.

**Conclusions:** Improvement of the quality of life of patients using complete dentures is associated with the construction of dentures, which improves the chewing capacity, aesthetic appearance. The quality of life of patients using full dentures is statistically significantly better after the use of dentures made according to the biofunctional system.

### Biography

Magdalena Orczykowska is a specialist in prosthodontics education in University of Jagiellonian, Medical College. She is a Faculty of Medicine and Dentistry in 1997-2002. She worked as an Private dental practitioner in 2002. Her research interests and achievements are Participation of numerous dental courses, national and international conferences and of their own. Since 2004 she is an author of several original papers printed in Polish magazines and also a member of the Polish Society of Dentistry.

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