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Tongue ring and its effect on the treatment of TMD

Tongue behavior is directly influenced from hyoid movement, which is directly linked to motion of the mandible. Taking present the concept of 'bidirectionality', in which they recognize that movement in one part of the system affects all the others, the muscular linkages among the mandible, the hyoid, the cranial base and sternum is performing in that way that the geometry of the relationship between the hyoid and the mandible is such that their relative positions are affected by the direction and amplitude of jaw movement. Usually in the treatment protocol of TMD we neglect this muscular linkages.

Objectives: The aim of this study was to assess the efficacy of the rehabilitation of the tongue posture on the treatment of TMD using RiPaRa device.

Methods: This investigation was carried out in 34 TMD patients divided in two groups: Patient group (PG) with 17 individuals treated with RiPaRa device and Control group (CG) does not undergo any treatment. The evaluation and analysis is based on the self-evaluation questionnaire.

Conclusion: The findings of our study are favorable to the use of RiPaRa device, but based on the very limited number of the patient enrolled we suggest further investigation and result verification in time.

Biography

Dr. Silvana Beraj professor of the department of Medicine, Faculty of Professional Studies, Moses Alexander University. She is a Head of Department of Dentistry, Vitrina University. She Dean of the Faculty of Dentistry-Pharmacy, Vitrina University also Teaching in the Faculty of Dentistry-Pharmacy, "Vitrina" University. She is a drafting of teaching curricula of the Master of Science in Dentistry, Master of Science in Pharmacy, Faculty of Dentistry-Pharmacy, Vitrina University. Her Lecturer on the subject of Knowledge Materials, Dental Morphology, Dental Occlusion, Department of Dentistry Faculty of Dentistry, Vitrina University. She is a Member of American Equilibration Society and also Member of Chicago Dental Society.

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