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EXPERIMENTAL STUDY OF THE CONFINING FORCE OF CAST AND BENT METALLIC KLAMMERS IN THE COMPARISON WITH THE ELASTIC NYLON DEPENDING ON THE PRESENCE OF EQUATOR ON THE ABUTMENT TEETH

Abstract

The force of the fixation of nylon, cast metallic and bent metallic klammers to the supporting teeth has been investigated on the model of the dental defect. The stronger fixation to the supporting teeth with the expressed equator of metallic cast and bent klammers in the comparison with elastic nylon klammers has been revealed.

Keywords: detachable nylon dentures, the force of the klammers fixation.

References:

1. Vares E.Y. The thermoplast method in dental orthopedics / E.Y. Vares, Y.E. Vares // Dentistry today (Rus). – 2003. – №8. – P. 29-30.
2. Vinokur A.V. Functional and clinical basis of detachable dentures with thermoplast use of non-acril polymers / A.V. Vinokur, I.P. Ryzhova // The bulletin of new medical technologies (Rus). – 2008. – № 1. – P. 124–127.
3. Lebedenko I.J. Telescopic and lock attachments of teeth dentures / I.J. Lebedenko, A.B. Peregudov, T.E. Khapilina. – Moscow, Molodaya gvardia, 2004. – 344 p.
4. Ogorodnikov M.J. The characteristics' improvement of basis materials used in orthopedic dentistry: stages of development, improvement and perspective / M.J. Ogorodnikov // Dentistry (Rus). – 2004. – №6. – P. 69-74.
5. Orthopedic dentistry (Rus) / V.N. Trezubov [et al.]. – Saint-Petersburg.: Foliant, 2010. – 656 p.
6. The use of basis material valplast at detachable dentures as polymethylmetacrilate alternative / A.S. Grigorjan, M.Z. Kaplan, Kh.R. Tigranyan [et al.] // Clinical dentistry (Rus). – 2006. – № 39. – V.3. – P. 70-75.

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