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Тезис

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Issue on cosmetic dentistry

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Comprehensive cosmetic dentistry practically takes the first place in the medical branches concerned with oral medicine encouraging the highest standards of ethical conduct and responsible patient care. It has served the image of a modern and highly distributed sphere which encloses real professionals and new materials they use in practice skillfully.

Comparative characteristics of metal-ceramic crowns and crowns made of nonmetallic ceramics demands a great interest in curative and esthetic medicine. The choice of artificial crowns is one of the most urgent problems in dentistry. Diseases of the teeth and periodontal tissue cover the younger age groups of the population. The aim of this work is to compare metal-ceramic crowns and crowns of non-metal ceramics. Materials and methods: Based on the data of the literature review, the properties of metal-ceramic crowns and crowns of non-metal ceramics based on zirconium dioxide were studied. Comparative characteristics included: durability. Both types of crowns are durable, they also have the same service life of about 8-10 years. In the case of chips, a metal-free crown, unlike a cermet, can be easily restored, since its construction does not have a metal frame, and therefore minor damage will be imperceptible on it. Aesthetics: Metal-ceramic crowns have satisfactory visual qualities, and crowns based on zirconium dioxide, without a metal frame, perfectly imitate the structure, color and shine of natural teeth. Therefore, with their help you can not only restore the destroyed tooth and return its functioning, but also make it natural and beautiful. Care: cermets require polishing for professional dental cleaning, while care for non-metal ceramics is as simple as natural teeth. Safety: Crowns based on zirconia, without metal in its composition, do not cause allergic reactions and metallic taste in the mouth.

Conclusion. Metal-ceramic crowns have now won first place in orthopedic dentistry, but based on all the merits of zirconia crowns, they are already widely introduced into practical medicine and served its own place in the future of curative and esthetic dentistry.

Keywords: curative and esthetic dentistry, metal-ceramic crowns, practical medicine