

382. AESTHETIC RESTORATIONS OF THE ANTERIOR GROUP OF TEETH WITH ALL- CERAMIC FIXED MICROPROSTHESIS.

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Introduction. Nowadays, the natural aspect is the main aim to be achieved in the aesthetic dentistry domain. Patients not only want to restore the dental arches with a good and durable material, but also the appearance has to be as pleasant as possible. According to these needs, physiognomic dental crowns were created. The global trend in dentistry is to replace the metal component, which although responds well to functional requirements, from an aesthetic point of view is not desirable. Thus, the metal alloys used in the dental treatments, even from gold alloys, lose ground in front of the new generations of integral ceramics masses.

Aim of the study. Studying the particularities of the clinical picture of the dental coronary lesions, establishing the indications for the constructing of the fully ceramic physiognomic crowns IPS e.max Press and applying the Vitapan-3D-Master color key to the clinical stage of color appreciation.

Materials and methods.. 7 patients (3M; 4W) aged 25-45 years were included in our study with the diagnosis of dental coronary lesions of the anterior teeth group, IV class by Burlui, as a result of complicated decay with aesthetic and morphological disorders. In the treatment of 3 patients, we applied fixed metal-ceramic microprosthesis, and in 4 patients all - ceramic fixed microprosthesis.

Results. Dental coronary lesions treated using fully ceramic fixed microprosthesis restore the more natural appearance of the teeth due to the reflective properties of IPS type ceramic masses, a higher biocompatibility and a perfect marginal closure than the fixed metal- ceramic microprosthesis.

Conclusions. All - ceramic fixed microprosthesis reduce the number of clinical-laboratory steps, offer an excellent aesthetic appearance and high biocompatibility. The scientific progress in the field of dentistry over the years develops and allows the practical application of new types of materials and technologies.

Key words: physiognomic dental crowns, dental aesthetics, all - ceramic fixed microprosthesis.

383. PROSTHETICALLY DRIVEN IMPLANT PLANNING

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Introduction. Ideal implant treatment planning requires close collaboration between the prosthodontist and the surgeon to determine the optimal placement of the implant in relation to the available bone and the prosthetic requirements. The ideal placement of dental implants should be determined by prosthetic parameters which depend on the position of a tooth in the