

394. MODERN TECHNIQUES IN RESTORING THE FRONT GROUP OF THE TEETH

Author: **Nadidea Sococol**

Scientific adviser: Ciobanu Sergiu, MD, PhD, Professor, Department of Odontology, Periodontology and Oral Pathology, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova

Introduction. Currently aesthetic problems are often present in stomatology. The causes which make the patient to consult the dentist are troubles at the level of the frontal teeth which browbeat the patient to smile. Direct tooth restoration is one of the most frequently applied methods in treatment of anterior odontal coronal lesions. Applying of the material in layers and returning of the tissues of the dentine and enamel make the composite materials of the last generation to return exactly the aesthetic and of the dental function.

Aim of the study. Studying, systematizing and implementing the techniques and procedures for restoration of the front teeth respecting the principles of proportionality and aesthetic functionality.

Materials and methods.. A clinical study has been performed on a group of 15 patients, 9 of them female and 6 male, aged 15 to 45. Each of them reported disorder of the aesthetics of the frontal teeth. Treatment protocol : clinical and radiological examination, oral cavity hygiene, getting dental impressions, getting the silicone matrix, determining the color of the future restoration, local anesthesia, isolation of the working area, preparation of the hard dental tissues, application of the etching gel and adhesive system, stratified application of the composite material, restoring the contact points, adaptation of the restoration in occlusion, finishing and polishing of the restorations.

Results. The practical use of silicone matrix demonstrates clinical efficiency of this technique, while the possibility of form appreciation in common with the patient is an important step for accepting the final restoration. The palatal surface and incisal edge are restored with high precision. Meanwhile the final correction are minimal.

Conclusions. In order to create a perfect harmony between the parameters and the criteria of the facial and dental aesthetics, it is necessary to take into account the anatomical characteristics of the face and the teeth because they are individual to each person and require a different approach for each patient.

Key words: aesthetic, odontal coronal lesions, frontal restoration, composite materials, silicone matrix

DEPARTMENT OF PEDIATRIC ORAL AND MAXILLOFACIAL SURGERY AND PEDODONTICS ION LUPAN

395. CARIES RISK ASSESSMENT AT CHILDREN DURING THE DENTO-MAXILLARY ANOMALIES CORRECTION PERIOD

Author **Irina Buşmachiu-Bulmaga**

Scientific advisers: Spinei Aurelia, MD, PhD, University Professor, Busmachiu Ion, MD, PhD, Associate Professor, *Ion Lupan* Pediatric Oral And Maxillofacial Surgery and Pedodontics, *Nicolae Testemitanu* State University of Medicine and Pharmacy, Chisinau, Republic of Moldova