

DENTAL MEDICINE SECTION

DEPARTMENT OF ORAL AND MAXILLO-FACIAL SURGERY *ARSENIE GUTAN*

361. EVALUATION OF RELATED FACTORS FOR PERMANENT TEETH EXTRACTION

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Introduction. Dental extraction is the process of removal of the teeth from the dental alveolus, which is situated, in the alveolar bone and it is performed for a several reasons such as: compromised teeth, symptomatic impacted wisdom teeth, teeth with caries cavity and periodontal diseases complications and teeth extracted for prosthetic or orthodontic treatment. This study aimed to determine the reasons for permanent teeth extraction and made in the University Dental Clinic nr.2, Chisinau, Moldova, in 2018.

Aim of the study. Revealing the primary reasons for dental extraction of permanent teeth among adults, their correlation with age, gender, oral health status.

Materials and methods.. 169 medical records and cases of patients who underwent tooth extraction in the University Dental Clinic in 2018 were studied, revealing that 102 of them were males, 67 females, aged between 18-72. The cases were divided in groups according to four main factors for dental extraction: compromised teeth, symptomatic impacted wisdom teeth, teeth with caries cavity and periodontal diseases complications and teeth extracted for prosthetic and orthodontic treatment.

Results. 60,36% of the examined medical records and cases were males and 39,64% females, distributed by age groups as follows: 18- 29 years old is 24, 56%, 30- 45 years old is 35, 44%, 46-65 years old is 32%, 66 years old and more is 8%. The prevalence of teeth extraction due to complications of caries cavity and periodontal diseases is the highest among other factors which is 45,67%.

Conclusions. Complication of dental caries cavity and periodontal diseases were the main reasons for tooth extraction, men aged between 30-45 years old is the most affected.

Key words: Dental extraction, Compromised teeth.

362. THE ROLE OF PLATELET- RICH FIBRIN TECHNOLOG IN ORAL WOUND HEALING

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Introduction: Unlike some of his counterparts in the animal kingdom, man does not have the possibility of accelerated healing and regeneration, and over the years, attempts have been made to find ways to avoid this restriction. The blood supply and growth factors are essential components in postoperative healing. Platelet-Rich Fibrin (PRF) is a relatively new concept of