Jagiellonian University Medical College

Faculty of Medicine

Institute of Stomatology

Chair of Conservative Dentistry with Endodontics

Head: prof. dr hab. n. med. Joanna Zarzecka

**CONSERVATIVE DENTISTRY WITH ENDODONTICS**

**V DDS**

**Seminars**

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| Seminar I. | First aid in endodontics - emergency treatment. |
| Seminar II | Non-surgical endodontic retreatment. |
| Seminar III. | Endodontic surgery. |
| Seminar IV. | Dentine hypersensitivity. |
| Seminar V. | Pathological tooth resorption. |
| Seminar VI. | Endo-perio lesions. |
| Seminar VII | Congenital teeth abnormalities - anatomical structure, number, position, shape and colour disorders. |
| Seminar VIII. | Disorders of the tooth tissue structure (enamel, dentine, cement, all dental tissues). Developmental defects of enamel and dentin. |
| Seminar IX. | Hard tissue defects of non-carious origin - acute mechanical injuries. Endodontic management in traumatic injuries of permanent teeth. |
| Seminar X. | Discussion of selected clinical cases. |
| Seminar XI. | Basic concepts of aesthetics in conservative dentistry. |
| Seminar XII. | Aesthetic reconstruction of anterior teeth: criteria for aesthetic restorations, methods of aesthetic reconstruction, reconstruction of erosive, and abrasive lesions, enamel hypoplasia. Making decisions whether to repair or replace fillings. |
| Seminar XIII. | Vital teeth whitening: tooth discoloration, tooth colour assessment, whitening preparations, whitening techniques, side effects of bleaching. |
| Seminar XIV. | Discoloration and whitening of the endodontically treated teeth. |
| Seminar XV. | Restoration and reinforcement of the structure of endodontically treated teeth. |
| Seminar XVI. | Gerostomatology - specificity of endodontic treatment and reconstruction  of hard tissues in elderly people. |
| Seminar XVII. | Focal disease - primary foci of dental origin. |
| Seminar XVIII. | Epidemiology of dental caries in adults - socioepidemiological studies  of dental caries (civilization nature of tooth decay, dental health goals,  epidemiological caries indicators, unification of dental indicators, practical  application of socioepidemiological studies, dynamics of caries  - international analysis, results of socioepidemiological studies) over caries Epidemiology in endodontics. |
| Seminar XIX. | A multimedia presentation on the latest developments in dentistry  or presentation of clinical cases. The subject of the presentation  is accepted by the assistant, presentation time 10 min, work in groups of 3-4 people. Part 1. |
| Seminar XX. | A multimedia presentation on the latest developments in dentistry or presentation of clinical cases. The subject of the presentation is accepted by the assistant, presentation time 10 min, work in groups of 3-4 people. Part 2. |

Midterms (multiple choice test):

1. Topics from the seminars I – V
2. Topics from the seminars VI – X
3. Topics from the seminars XI – XV
4. Topics from the seminars XVI – XVIII

**Lectures**

Lecture 1. Resorption of hard dental tissues.

Lecture 2. Diseases of hard dental tissues of non-carious origin - acute mechanical injuries.

Lecture 3. Focal diseases with particular emphasis on their prevention.

Lecture 4. Aesthetics in conservative dentistry.

**Literature**

**Obligatory**

1. Tronstadt L., Clinical endodontics: a textbook, 3rd edition, Georg Thieme Verlag, 2009,
2. Torabinejad M., Walton R.E., Endodontics, principles and practice, 5th edition, Saunders Elsevier 2009,
3. Cohen S., Hargreaves K.M., Pathways of the Pulp, 11th edition, Mosby Elsevier 2016,
4. Ingle J.I., Bakland L.K., Baumgartner J.C., Ingle's Endodontics, 6th edition, BC Decker 2008.

**Recommended**

1. Chong, Bun S.: Harty’s Endodontics in Clinical Practice, Sixth Edition, 2010, Churchill Livingstone Elsevier