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**

**IV DDS**

**Seminars**

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| Seminar I. | Morphology and function of dentin-pulp complex and periapical tissues. Changes in dentin-pulp complex associated with age. |
| Seminar II. | The etiology, pathology and prevention of pulp and apical periodontium diseases. |
| Seminar III. | Clinical diagnosis of pulp diseases. Classifications of pulp disease. |
| Seminar IV. | Clinical diagnosis of periapical tissue diseases, diagnosis of odontogenic and non-odontogenic pain. |
| Seminar V. | Radiographic evaluation in endodontic treatment. |
| Seminar VI. | Management of pain in endodontics. |
| Seminar VII. | Magnifying devices used in endodontic treatment. |
| Seminar VIII. | Endodontic instruments. |
| Seminar IX. | Endodontic treatment -biological treatment of pulp, odontotropic treatment. |
| Seminar X. | Endodontic treatment as a treatment that requires removal of dental pulp. |
| Seminar XI. | Methods of assessing the working length (WL) in endodontic treatment. |
| Seminar XII. | Chemical preparation of root canal system. Materials and methods used in disinfection of root canal system. Smear layer and it’s role in endodontic treatment. |
| Seminar XIII. | Obturation of root canal system. Materials used in temporary and long-term obturation of root canal system. |
| Seminar XIV. | Obturation of root canal system. Methods of obturation of endodontic space. |
| Seminar XV. | Complications in root canal treatment. |

Midterms

Test 1: seminars I - IV

Test 2: seminars V - VIII

Test 3: seminars IX - XI

Test 4: seminars XII - XV

**Lectures**

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| Lecture 1: | The principles of endodontic treatment: isolation with rubber dam and root canal space  access prearation. |
| Lecture 2: | Chemo-mechanical preparation of root canal space |
| Lecture 3. | Obturation of root canal space. |

**Literature**

**Obligatory:**

1. Cohen’s Pathways of the Pulp, Kenneth M. Hargreaves, Stephen Cohen, 2011, 10th edition, 978-0-323-06489-7

2. Ingle’s Endodontics 6, John I. Ingle, Leif K. Bakland, J. Craig Baumgartner, 2008, 6th edition, 978-1-55009-333-9

3.  Arabska – Przedpełska B., Pawlicka H.: Współczesna endodoncja w praktyce. Bestom DENTOnet.pl, Łódź 2011