Oferta na prowadzenie zajęć seminaryjnych dla doktorantów na rok akademicki 2026/2027.

Oferta zajęć powinna obejmować szczegółowe informacje dotyczące:

1. tematu zajęć: Special care in dentistry
2. daty, miejsca i godzin zajęć: 9.00-12.45, 26.02.2027
3. formy zajęć – online,
4. profilu zajęć: interdyscyplinarne, „miękkie", ogólnoakademickie
5. dyscypliny: Doctoral School
6. koordynatora zajęć: dr n. med. Michalina Szymczak-Paluch
7. jednostki organizacyjnej odpowiedzialnej za przeprowadzenie zajęć: Department of Oral Pathology, Faculty of Medicine, Department of Dentistry Medical University of Lodz
8. danych kontaktowych jednostki organizacyjnej, 92-213 Łódź, ul. Pomorska 251 426757504
9. sylabusa zajęć w języku angielskim,
10. limitu liczby osób uczestniczących w zajęciach: 20
11. czasu trwania zajęć seminaryjnych: 5h

Objectives of the course:

To familiarize the student with the concepts of special care in dentistry. The student understands the role of clinical examination in patients requiring special care. To familiarize the student with different types of patients with special therapeutic requirements: disabled patients, pregnant women, breastfeeding women, oncological patients, unconscious patients, psychiatric patients. The student should acquire knowledge about the use of local anesthesia and selected drugs in patients with special needs. The student is able to conduct a medical examination of patients requiring special care. The student is able to describe the differences in the care of patients with special therapeutic needs.

Form of study: Doctoral school

Year of study: Doctoral school

Names of course unit's faculty: dr hab. n. med., dr n. hum., prof. UM Sebastian Kłosek, dr n. med. Michalina Szymczak-Paluch

Prerequisites: The student should be familiar with basic human anatomy.

Learning activities and teaching methods: lectures, discussion, demonstration, presentation

Course unit content:

1. Patient with special therapeutic requirements and the role and difficulties of conducting a clinical examination.

2. Types of patients with special therapeutic requirements: disabled patients, pregnant and breastfeeding women, oncology patients, unconscious patients, psychiatric patients.

3. Patient with special therapeutic requirements and the use of local anesthesia.

4. Patient with special therapeutic requirements and the use of drugs: antibiotics, painkillers and steroids.

Learning outcomes:

• **Knowledge:**

After completing the course "Dental care for a patient with special therapeutic requirements." the student: - knows and understands:

- the importance and role of a clinical examination in dentistry.

- characteristics of different types of patients with special therapeutic needs.

- the most common oral problems occurring in patients with special therapeutic needs.

- differences between dental procedures performed in patients without and with special therapeutic needs.

- possible use of local anesthesia in patients with special therapeutic needs.

- possible use of selected drugs in patients with special therapeutic needs.

• Skills:

- The student is able to conduct a medical examination of patients with special therapeutic needs.

- The student is able to describe patients with special therapeutic needs and differences in dental and medical care.

- The student is able to describe the possible use of selected drugs in patients with special therapeutic needs.

- The student is able to use the terminology discussed in class.

After completing the course: The student is able to present and explain selected aspects of special care in dentistry. The student has the competence to solve problems in a team and cooperate with other team members. The student is able to use professional sources of knowledge, create and present their own opinions and actively participate in team meetings. The student is able to maintain an appropriate ethical attitude and respect human dignity. The student demonstrates readiness for learning and professional development.

• Social competences:

- communication skills.

- ability to determine priorities for the implementation of tasks.

- ability to cooperate with others as both a team member and leader.

Required and recommended learning resources (readings):

- **Required:**

- Council, A. O. "Guideline on management of dental patients with special health care needs." *Pediatr Dent* 30 (2012): 160-5. Carr, Alan B., and Jon Ebbert. "Interventions for tobacco cessation in the dental setting." *Cochrane database of systematic reviews* 6 (2012).
- Jaber, Mohamed Abdullah. "Dental caries experience, oral health status and treatment needs of dental patients with autism." *Journal of Applied Oral Science* 19.3 (2011): 212-217.
- Meyer, Karen, Werner Geurtsen, and Hüsamettin Günay. "An early oral health care program starting during pregnancy." *Clinical oral investigations* 14.3 (2010): 257-264.
- Briggs, Gerald G., Roger K. Freeman, and Sumner J. Yaffe. *Drugs in pregnancy and lactation: a reference guide to fetal and neonatal risk*. Lippincott Williams & Wilkins, 2012.
- Reis, Margareta, and Bengt Källén. "Delivery outcome after maternal use of antidepressant drugs in pregnancy: an update using Swedish data." *Psychological medicine* 40.10 (2010): 1723-1733.
- Nordeng, Hedvig, et al. "Use of herbal drugs during pregnancy among 600 Norwegian women in relation to concurrent use of conventional drugs and pregnancy outcome." *Complementary therapies in clinical practice* 17.3 (2011): 147-151.
- Walenga, J. M., and C. Adiguzel. "Drug and dietary interactions of the new and emerging oral anticoagulants." *International journal of clinical practice* 64.7 (2010): 956-967.
- Malamed, Stanley F. *Handbook of local anesthesia-e-book*. Elsevier Health Sciences, 2019.
- Fayans, Edgar P., et al. "Local anesthetic use in the pregnant and postpartum patient." *Dental Clinics* 54.4 (2010): 697-713.
- George, Ajesh, et al. "How do dental and prenatal care practitioners perceive dental care during pregnancy? Current evidence and implications." *Birth* 39.3 (2012): 238-247.
- Huet, Adeline, et al. "Hypnosis and dental anesthesia in children: a prospective controlled study." *International Journal of Clinical and Experimental Hypnosis* 59.4 (2011): 424-440.
- Escoda Francolí, Jaume, et al. "Dental implications in oral cancer patients." *Medicina Oral, Patología Oral y Cirugia Bucal, 2011, vol. 16, num. 4, p. 508-513* (2011).
- Bissett, Susan, and Philip Preshaw. "Guide to providing mouth care for older people." *Nursing older people* 23.10 (2011).
- Moore, S., et al. "Promoting physical health for people with schizophrenia by reducing disparities in medical and dental care." *Acta Psychiatrica Scandinavica* 132.2 (2015): 109-121.

- Kisely, Steve, et al. "Advanced dental disease in people with severe mental illness: systematic review and meta-analysis." *The British Journal of Psychiatry* 199.3 (2011): 187-193.
- Eltas, A., et al. "An assessment of periodontal health in patients with schizophrenia and taking antipsychotic medication." *International journal of dental hygiene* 11.2 (2013): 78-83.
- Anders, Patrick L., and Elaine L. Davis. "Oral health of patients with intellectual disabilities: a systematic review." *Special Care in Dentistry* 30.3 (2010): 110-117.
- Prabhu, Neeta T., et al. "Access to dental care—parents' and caregivers' views on dental treatment services for people with disabilities." *Special Care in Dentistry* 30.2 (2010): 35-45.
- Anders, Patrick L., and Elaine L. Davis. "Oral health of patients with intellectual disabilities: a systematic review." *Special Care in Dentistry* 30.3 (2010): 110-117.
- Wang, Yi-Chia, et al. "Dental anesthesia for patients with special needs." *Acta Anaesthesiologica Taiwanica* 50.3 (2012): 122-125.
- Nowak, Arthur J., Paul S. Casamassimo, and Rebecca L. Slayton. "Facilitating the transition of patients with special health care needs from pediatric to adult oral health care." *The Journal of the American Dental Association* 141.11 (2010): 1351-1356.
- Salles, Priscilla Soares, et al. "Dental needs and management of children with special health care needs according to type of disability." *Journal of Dentistry for Children* 79.3 (2012): 165-169.
- Ferreira, Maria Cristina Duarte, et al. "Prevalence of dental trauma in individuals with special needs." *Dental Traumatology*27.2 (2011): 113-116.
- Lazarchik, David A., and B. Van Haywood. "Use of tray-applied 10 percent carbamide peroxide gels for improving oral health in patients with special-care needs." *The Journal of the American Dental Association* 141.6 (2010): 639-646.
- Smith, G., Y. Rooney, and J. Nunn. "Provision of dental care for special care patients: the view of Irish dentists in the Republic of Ireland." (2010).

- **Recommended:**

- Huet, Adeline, et al. "Hypnosis and dental anesthesia in children: a prospective controlled study." *International Journal of Clinical and Experimental Hypnosis* 59.4 (2011): 424-440.
- Samson, Heidi, Marjolein Memelink Iversen, and Gunhild Vesterhus Strand. "Oral care training in the basic education of care professionals." *Gerodontology* 27.2 (2010): 121-128.
- Krause, Meggan, et al. "Dental education about patients with special needs: a survey of US and Canadian dental schools." Journal of dental education 74.11 (2010): 1179-1189.

Assessment methods and criteria
The assessment takes the form of a mini project carried out in groups – a problem-solving task related to oral pathology in children and adolescents.

Rules for making up absences from classes:
Passing based on 100% attendance at the seminar

Additional information:

Statement and signature of the course leader:

I declare that the program content included in this syllabus is the result of my individual creative work performed within the framework of an employment/cooperation relationship resulting from a civil law contract and that third parties are not entitled to any copyrights in this respect.

Dean's signature

Signature of the Director of the Doctoral School:

Date: