2026/2027

Univerza v Mariboru

UČNI NAČRT PREDMETA / COURSE SYLLABUS	
Predmet:	**Otroško zobozdravstvo 1**
Course title:	**Pediatric Dentistry 1**

Študijski program in stopnja Study programme and cycle	Študijska smer Study option	Letnik Year of study	Semester Semester
Dentalna medicina/Dental Medicine 2. stopnja/2nd cycle		**4**	**8**

Vrsta predmeta / Course type Obvezni/ Compulsory

Univerzitetna koda predmeta / University course code:

Predavanja Lectures	Seminar Seminar	Vaje Tutorial	Klinične vaje Clinical training	Druge oblike študija Other forms of study	Samost. delo Individual work	ECTS
30			**30**		**60**	**4**

Nosilec predmeta / Lecturer: **Red. prof. dr. Nataša Ivančić Jokić**

Jeziki / Languages:	
Predavanja / Lectures:	slovenščina/slovene
Vaje / Tutorial:	slovenščina/slovene

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:

Prerequisits:

Vsebina:

V uvodu predmeta morajo študenti na kliničnih vajah obvladati znanje, potrebno za začetek kliničnega dela z otroki. Zlasti bi morali pridobiti znanje o metodah za nadzorovanje vedenja otrok, diagnosticiranju in zdravljenju bolezni mlečnih in mladih stalnih zob, različnih oblikah primarne preventive kariesa in oralnih bolezni.

Content (Syllabus outline):

In the first semester of teaching students should master the exercise on clinical knowledge necessary to begin clinical work with children. Especially to acquire knowledge on methods to control the behaviour of children, diagnosis and treatment of diseases of deciduous and young permanent teeth. Different types of primary prevention of dental caries and oral disease.

Temeljni literatura in viri / Readings:

- Koch G, Poulsen S. Pediatric dentistry a clinical approach. Third edition. Blackwell Munksgaard 2017.
- Cameron A., Widmer RP. Handbook of pediatric dentistry. 5th Edition. Elsevier, 2021.
- Casamassimo P. et all. Pediatric Dentistry; Infancy through Adolescence. 6th Edition. Elsevier, 2018
- Jurić H. Dječja dentalna medicina. Jastrebarsko: Naklada Slap; 2015.

Cilji in kompetence:

Uporaba teoretičnega znanja o: pristopu k otroku in pripravi otroka za zobozdravstvene posege, o zdravljenju zobnih in ustnih bolezni pri otrocih od dojenčkovega obdobja do adolescence.

Objectives and competences:

Application of theoretical knowledge: access to the child and preparing the child for dental medical procedures, treatment of dental and oral diseases in children from infant to adolescents.

Univerza v Mariboru

Predvideni študijski rezultati:	**Intended learning outcomes:**
Študent mora po opravljenem predmetu osvojiti znanje in razumevanje: - Opisati rast in razvoj zob, pulpe in korena. - Opisati in razlikovati motnje razvoja zob in oralnih struktur od normalnega izvida. - Opisati in primerjajti oblike obnašanja otrok v ordinaciji dentalne medicine. - Opisati, opredeliti in izvesti metode vedenjskega nadzora pri otrocih. - Določiti in razlikovati zobni strah in zobno anksioznost. - Analizirati odnos staršev-otrok v ordinaciji dentalne medicine. - Narediti družinsko anamnezo. - Narediti medicinsko anamnezo- - Narediti zobozdravstveno anamnezo. - Narediti klinično-zobozdravstveni pregled otroka. - Narediti in argumentirati plan zobozdravstvenega zdravljenja. - Opisati specifičnosti vedenja mladostnika. - Agumentirati indikacije za radiografske slike pri otrocih in mladostnikih. - Analizirati periapikalne radiografske slike. - Analizirati bite-wing projekcijo. - Analizirati ortopantomogram. - Opisati zaščito bolnika pred RTG-sevanjem. - Določiti dentalno zrelost in starost otroka s pomočjo RTG-slik zob. - Opisati razvoj mlečnih, mešanih in stalnih zob. - Opisati razvoj okluzije v mlečnem, mešanem in stalnem zobovju.	Knowledge and understanding: Students attending the course must: describe the growth and development of tooth pulp and root describe and differentiate the disorders of development of teeth and oral tissues from normal findings describe and compare the behaviours of children in the practice of dental medicine describe, define and perform methods of behaviour control in children define and distinguish between dental fear and dental anxiety analysis of parent-child relationship in the practice of dental medicine take a family history take medical history take a dental medical history perform the clinical dental medical examination of the child make and argue the plan dental medical treatment describe the specific behaviour of adolescence argue indications for radiographs in children and adolescents analysis of periapical radiographs analyse the bite-wing projection analyse orthopantomograph describe protection of the patient from the X-ray radiation determine the dental age and maturity of the child by using X-ray images of teeth. describe the development of deciduous, mixed and permanent dentition describe the development of occlusion in deciduous, mixed, and the permanent dentition.
Znanja in spretnosti so podrobneje opisane v Katalogu znanj in spretnosti.	Knowledge and skills are described in more detail in the Catalogue of Knowledge and Skills.

Metode poučevanja in učenja:	**Learning and teaching methods:**
Predavanja Klinične vaje	Lectures Clinical training

Načini ocenjevanja:	**Delež (v %) / Weight (in %)**	**Assessment:**
Način (pisni izpit, ustno izpraševanje, naloge, projekt)	50 %	Type (examination, oral, coursework, project):
Zaključni izpit je sestavljen iz: - praktičnega izpita, - pisnega izpita in - ustnega izpita.	25 % 25 %	The final exam is consists of: - practical exam, - written examand - oral exam.

Univerza v Mariboru

Reference nosilca / Lecturer's references:

Bakarčić D, Vlah N, Cicvarić O, Petrović D, Šimunović-Erpušina M, Jankovic S, Dragas Zubalj N, Kresina S, Mohoric S, Grzic R, Glibotic Kresina H, **Ivančić Jokić N**. An Oral Health Promotion Model Implemented in Primorje-Gorski Kotar County. Medicina. 2025,61,217. https://doi.org/10.3390/medicina61020217

Ivančić Jokić N, Matičić L, Šimunović-Erpušina M, Petrović D, Cicvarić O, Bakarčić D. Dental Anxiety Among Students of the University of Rijeka. Acta stomatol Croat. 2024;58(2):177-184. doi:10.15644/asc58/2/7

Šimunović-Erpušina M, Bakarčić D, Cicvarić O, Šimunović L, Sotošek V, Petrović D, **Ivančić Jokić N**. Postoperative Morbidity after Dental Treatment under General Anesthesia in Children with and without Disabilities. Medicina 2024, 60, 668. https://doi.org/10.3390/ medicina60040668

Petrović, D, Cicvarić O, Šimunović –Erpušina M, **Ivančić Jokić, N**, Bakarčić D, Bučević Sojčić, P, Jurić H. The Role of Family Factors in the Development of Dental Anxiety in Children. Medicina 2024, 60, 180. https://doi.org/10.3390/ medicina60010180

Cicvaric O, Grzic R, Erpusina SM, **Ivancic Jokic N**, Bakarcic D. Association of masticatory efficiency with deep carious lesions in children. European Archives of Paediatric Dentistry 2023 Oct;24(5):569-575. https://doi.org/10.1007/s40368-023-00819-w

Cicvaric O, Grzic R, Simunovic Erpusina M, Simonic-Kocijan S, Bakarcic D, **Ivancic Jokic N**. Association of Masticatory Efficiency and Reduced Number of Antagonistic Contacts Due to Extraction, Changing Dentition or Malocclusion in Children. Dent J. 2023;11:64 https://doi.org/10.3390/dj11030064

Orlić E, Spalj S, **Ivancic Jokic N**, Bakarcic D, Cicvaric O, Grzic R. Pandemic Financial Stress in Dental Medicine in Croatia. Dent J 2023;11,9

Horvat Aleksijević L, Prpić J, Muhvić Urek M, Pezelj-Ribarić S, **Ivančić-Jokić N**, Peršić Bukmir R, Aleksijević M, Glažar I. Oral mucosal lesions in childhood. Dent J.2022;10:214-226.

Ivancic Jokic N, Cicvaric O, Gavic L, Dujmovic M, Bakarcic D. Maternal dental anxiety and early childhood caries development. International Journal of Clinical Dentistry 2022;15 (4): 685-691.