

	<b>UČNI NAČRT PREDMETA/COURSE SYLLABUS</b>
<b>Predmet</b>	<b>Oskrba novorojenčka in dojenčka</b>
<b>Course title</b>	<b>Newborn and Infant Care</b>

<b>Študijski program in stopnja</b> <b>Study programme and level</b>	<b>Študijska smer</b> <b>Study field</b>	<b>Letnik</b> <b>Academic year</b>	<b>Semester</b> <b>Semester</b>
Zdravstvena nega / 2. stopnja	Ni smeri študija	2. letnik	3.
Nursing Care / 2 <sup>nd</sup> Cycle	No study field	2 <sup>nd</sup> year	3 <sup>rd</sup>

**Vrsta predmeta/Course type** modularni/module

**Univerzitetna koda predmeta/University course code** 2ZN 2 M6 UN2

<b>Predavanja</b>	<b>Seminar</b>	<b>Sem. vaje</b>	<b>Lab. vaje</b>	<b>Teren. vaje</b>	<b>Samost. delo</b>	<b>ECTS</b>
<b>Lectures</b>	<b>Seminar</b>	<b>Tutorial</b>	<b>Laboratory work</b>	<b>Field work</b>	<b>Individ. work</b>	
20		30			130	6

**Nosilec predmeta/Lecturer:** prof. dr. Dušanka Mičetić Turk

**Jeziki/ Languages:** **Predavanja/Lectures:** slovenski/Slovenian  
**Vaje/Tutorial:** slovenski/Slovenian

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

<ul style="list-style-type: none"> <li>Vpis v drugi letnik študijskega programa.</li> <li>Študent mora pred izpitom pripraviti in predstaviti ter zagovarjati projektno/raziskovalno nalogo.</li> </ul>	<ul style="list-style-type: none"> <li>A prerequisite for inclusion is enrolment in the second year of study.</li> <li>Student has to prepare, present and defend a project/research paper before the exam.</li> </ul>
---	--

**Vsebina:**

**Content (Syllabus outline):**

<p><i>Neonatologija:</i> Novorojenec, Nedonošenec. Prenosenec. Zahiranec. Ocena vitalnosti novorojenca. Hiperbilirubinemija. Hemolitične bolezni novorojenca. Izmenjalna transfuzija. Fototerapija. Reanimacija asfiktičnega novorojenca. Respiratorni distress sindrom novorojenca. Poškodbe otrok ob porodu. Hemoragična bolezen novorojenca. Perinatalna simbioza otroka in matere.</p> <p><i>Rast in razvoj otroka:</i> Razvojne faze v somatskem in psihomotoričnem razvoju otroka. Vrednotenje antropometričnih</p>	<p><i>Neonatology:</i> Newborn, Premature. Postmature, Dysmature. Assessment of the newborn's vitality: hyperbilirubinemia. Haemolytic disease of newborn. Exchange transfusion. Phototherapy. Reanimation of the asphyxic newborn. Respiratory distress syndrome in the newborn. Birth trauma. Hemorrhage disease in the newborn. Perinatal symbiosis of mother and child.</p> <p><i>Growth and development of a child:</i> Developmental stages in somatic and psychomotor development of a child.</p>
---	--

podatkov kot telesne teže, višine, obsega lobanje, površine telesa in ocena govora ter sluha. Ocena kostne starosti, razvoja zob, opredelitev rasti.

*Socialna in preventivna pediatrija:* Morbiditeta pri novorojenčkih in dojenčkih. Smrtnost pri dojenčkih, neonatalna in perinatalna mortaliteta. Kongenitalne anomalije. Zgodnja detekcija in rehabilitacija prizadetih otrok in njihovo vključevanje v družbo. Pomen humanizacije v otroških bolnišnicah in dispanzerjih. Organizacija pediatrične dispanzerske in hospitalne mreže.

Preventivni ukrepi v zgodnji otroški dobi – vakcinacije, preprečevanje rahitisa, sideropenične anemije, nasveti o pravilni prehrani, sistemsko odkrivanje presnovnih motenj, hipotireoze, fenilketonurije, galaktozemije, displazije kolka, cerebralne paralize, motenj vida, sluha, slabe drža in drugih nepravilnosti skeleta.

*Prehrana in presnova:* Dojenje. Energijske in prehranske potrebe novorojenčka in dojenčka, prilagojena mleka. Sestava jedilnikov. Podhranjenost in debelost. Hipovitaminoza. Deficiti mineralov. Akutni enterokolitis dojenčka, dehidracija in Rehidracija. Dietna prehrana pri celiakiji, fenilketonuriji, galaktozemiji. Presnovne motnje.

*Genetika:* Rodovnik. Avtosomno recesivne, dominantne, spolno vezane dedne bolezni. Sindrom Down, Sindrom Turner, Klinefelterjev sindrom. Teratogene nokse. Genetska prognoza in nasvet. Prenatalna detekcija genetskih bolezni.

Najpogostejše bolezni v obdobju novorojenčka in dojenčka in njihova oskrba na vseh nivojih primarnega, sekundarnega in terciarnega zdravstvenega varstva.

Evaluation of anthropometric data: body weight, height, head circumference, body surface area and assessment of speech and hearing. Assessment of body age, development of teeth, determination of growth.

*Social and Preventive Pediatrics:* Morbidity in newborns, infants, preschool, school children and adolescents. Mortality in infants, neonatal and perinatal mortality. Congenital anomalies. Early detection and rehabilitation of impaired children and their inclusion in society. Meaning of humanisation in children's hospitals and outpatient clinics. Organisation of pediatric outpatient clinics and hospital net. Preventive measures in the early age - immunisations, prevention of rickets, sideropenic anemia, advising on healthy diet, systematic discovery of digestive disorders, hypothyreosis, phenylketonuria, galactosemia, hip dysplasia, cerebral palsy, vision, hearing disorders, bad posture and other skeletal abnormalities.

*Nutrition and metabolism:* Breastfeeding. Dietary and calorie needs of a newborn and an infant. Adjusted types of milk. Composition of menus. Malnutrition and obesity. Hypovitaminoses. Mineral deficit. Acute enterocolitis in infant, dehydration and rehydration. Diet in celiac disease, phenylketonuria, galactosemia. Congenital metabolic disorders.

*Genetics:* Family pedigree. Autosomal, recessive, dominant, gender-linked hereditary diseases. Down syndrome, Turner syndrome, Klinefelter syndrome, teratogenic noxe. Genetic prognosis and counselling. Prenatal detection of genetic diseases.

The most common diseases in neonatal and early childhood period and health care on all levels of primary, secondary and tertiary care.

### Temeljna literatura in viri/Readings:

#### Temeljna literatura/Basic literature

- Burja S. (2010). *Novorojenček in nekaj posebnosti prvih 30 dni življenja*. UKC: Klinika za ginekologijo in perinatologijo.
- Campbell, D. E. (2014). *Neonatology for Primary Care*. American Academy of Pediatrics.
- Kržišnik C. (2014). *Pediatrija*. Ljubljana: DZS.
- Hockenberry, M. J. (2017). *Wong's Essentials of Pediatric Nursing*.

#### Priporočljiva literatura/Recommended literature

- Berhman, R. .E. in Kliegman R. N. (2006). *Essentials of Pediatrics*, 5th edition. Saunders, Philadelphia.
- Mardešič, D. (2003). *Pediatrija*. Zagreb: Školska knjiga.
- Srečanja pediatrov v Mariboru z mednarodno udeležbo, UKC Maribor, v l. 1995-2018.
- Izbrana poglavja iz pediatrije, Medicinska fakultete Univerze v Ljubljani, v l. 1991-2018.

### Cilji in kompetence:

*Učna enota prispeva predvsem k razvoju naslednjih splošnih in specifičnih kompetenc:*

- izbira in uporaba ustrezne strategije poučevanja pri promociji zdravja in vzgoji za zdravje,
- poučevanje sodobnih/aktualnih vprašanj v klinični praksi,
- preučevanje načel in metod za izboljšanje kakovosti in varnosti v zdravstveni negi ter zdravstvenem in socialnem varstvu,
- usposobljenost za prepoznavanje potreb po zdravstveni negi, določitev negovalnih diagnoz, načrtovanje in izvajanje kakovostne in varne zdravstvene nege ter vrednotenje doseženih ciljev,
- sposobnost kreativne uporabe znanja pri delu v kliničnem okolju,
- poznavanje in razumevanje procesov v strokovnem / poslovnem okolju ter usposobljenost za njihovo analizo, sintezo in predvidevanje rešitev oz. posledic,
- pedagoško vzgojno delo s poudarkom na skrbi za telesno in duševno zdravje,
- usposobljenost za prepoznavanje potreb po spremembah in kritično uvajanje inovacij v klinično okolje,
- usposobljenost za komuniciranje v domačem in mednarodnem okolju,

### Objectives and competences:

*The learning unit mainly contributes to the development of the following general and specific competences:*

- selection and use of the relevant strategies of learning and teaching in health promotion and health education,
- studying contemporary/topical issues in clinical practice,
- examining the principles and methods for improving quality and safety in nursing and health and social care
- qualification for recognising the nursing care needs, setting nursing diagnoses, planning and implementation of quality and safe nursing care and evaluating the objectives achieved,
- the ability to creatively use knowledge in the clinical environment,
- knowledge and understanding of processes in the professional/business environment and the ability to analyse, synthesise and envisage solutions or consequences,
- pedagogical work with the emphasis on care for physical and mental health,
- the ability to identify the needs for changes and to critically introduce innovations in the clinical environment,

<ul style="list-style-type: none"> <li>• usposobljenost za razvijanje kulture nediskriminatornosti in spoštovanje medkulturnih razlik.</li> </ul>	<ul style="list-style-type: none"> <li>• the ability to communicate in the local and international environment,</li> <li>• the ability to develop the culture of non-discrimination and the consideration of intercultural differences.</li> </ul>
---	--

**Predvideni študijski rezultati:**

**Intended learning outcomes:**

<p><b>Študent/študentka:</b></p> <ul style="list-style-type: none"> <li>• pozna pomen optimalne oskrbe tako zdravega kot tudi bolnega novorojenčka in dojenčka,</li> <li>• pozna pomen pravilne komunikacije z starši in otrokom,</li> <li>• razvije veščine etičnega ravnanja med različnimi ljudmi ne glede na njihovo pripadnost,</li> <li>• se usposobi za kritično presojo stanja otroka, analizo situacije in predvidevanje izhoda zdravljenja in obravnave.</li> </ul>	<p><b>Students:</b></p> <ul style="list-style-type: none"> <li>• know the importance of optimal care for both healthy and sick newborns and infants,</li> <li>• know the importance of proper communication with parents and child,</li> <li>• develop skills for an ethical relationship among various people involved in the treatment regardless of their affiliation,</li> <li>• are qualified for critical assessment of the child's state, analysis of the situation and anticipation of the outcome of treatment.</li> </ul>
---	---

**Metode poučevanja in učenja:**

**Learning and teaching methods:**

<ul style="list-style-type: none"> <li>• <i>predavanja</i> z aktivno udeležbo študentov (razlaga, diskusija, vprašanja, primeri, reševanje problemov),</li> <li>• <i>seminarske vaje</i>: priprava, predstavitev in uspešen zagovor projektne/raziskovalne naloge,</li> <li>• <i>konzultacije</i>.</li> </ul>	<ul style="list-style-type: none"> <li>• <i>lectures</i> with active student participation (explanation, discussion, questions, examples, problem solving);</li> <li>• <i>tutorial</i>: preparation, presentation and a successful defence of a project/research paper,</li> <li>• <i>consultations</i>.</li> </ul>
---	---

**Načini ocenjevanja:**

Delež (v %)

Weight (in %)

**Assessment:**

<p>Načini:</p> <ul style="list-style-type: none"> <li>• izpit</li> <li>• izdelava, predstavitev in zagovor projektne/raziskovalne naloge</li> </ul> <p>Ocenjevalna lestvica: ECTS.</p>	<p>50 %</p> <p>50 %</p>	<p>Types:</p> <ul style="list-style-type: none"> <li>• exam</li> <li>• preparation, presentation and defence of the project/research paper</li> </ul> <p>Grading scheme: ECTS.</p>
--	-------------------------	--