

	UČNI NAČRT PREDMETA/COURSE SYLLABUS
Predmet	Farmakološka in prehranska obravnava pacienta
Course title	Pharmacological and Nutritional Treatment of the Patient

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
Zdravstvena nega / 1. stopnja	Zdravstvena nega	2. letnik	4.
Nursing Care / 1st Cycle	Nursing Care	2 nd year	4 th

Vrsta predmeta/Course type obvezni /obligatory

Univerzitetna koda predmeta/University course code L2 UN9

Predavanja Lectures	Seminar Seminar	Sem. vaje Tutorial	Lab. vaje Laboratory work	Teren. vaje Field work	Samost. delo Individ. work	ECTS
60		15	5		40	4

Nosilec predmeta/Lecturer: Farmakološka obravnava pacienta
mag. Miroslava Abazović, viš. pred.
Prehranska obravnava pacienta
mag. Irena Hočevar, pred.

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

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

Vpis v drugi letnik študijskega programa.	The prerequisite for participation is enrolment in the second year of study.
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Vsebina:	Content (Syllabus outline):
Farmakološka obravnava pacienta (30 P) <i>Splošna farmakologija.</i> <ul style="list-style-type: none"> • <i>Uvod v farmakologijo</i> opredelitev in področja farmakologije • <i>Osnove predpisovanja zdravil.</i> recept, vrste in farmacevtske oblike zdravil, odmerki, odmerjanje zdravil pri odraslih in otrocih, shranjevanje različnih vrst zdravil, režimi izdajanja zdravil, centralna baza zdravil • <i>Farmakodinamika</i> osnovni mehanizmi in mesta delovanja zdravil, odnos med odmerkom in 	Pharmacological Treatment of the Patient (30 L) <i>General pharmacology.</i> <ul style="list-style-type: none"> • <i>Principals of Pharmacology</i> the meaning and fields of pharmacology • <i>The basics of prescribing medications</i> the prescription, types and pharmaceutical forms of medications, dosages, administering medication to adults and children, storage of different types of medications, regimens of giving out medication in

<p>učinkom zdravila, medsebojno delovanje zdravil, receptorji</p> <ul style="list-style-type: none"> • <i>Farmakokinetika</i> absorpcija, porazdelitev in metabolizem zdravil, izločanje zdravil iz telesa. • <i>Interakcije med zdravili</i> Interakcije med zdravili, prehranskimi dopolnili in hrano • <i>Neželeni učinki zdravil</i> Vplivi starosti, spola, prehrane in okolja na delovanje zdravil. • <i>Razvoj in uvajanje novih zdravil</i> predklinično in klinično preizkušanje zdravil. <ul style="list-style-type: none"> • <i>Biološka zdravila</i> <p><i>Specialna farmakologija.</i></p> <ul style="list-style-type: none"> • <i>Farmakologija avtonomnega živčevja</i> živčni prenašalci in receptorji v avtonomnem živčevju, zdravila z delovanjem v parasimpatičnem in simpatičnem sistemu • <i>Protivnetna in imunosupresivna zdravila</i> nesteroidna protivnetna zdravila, glukokortikoidi, zdravljenje alergij • <i>Farmakologija kardiovaskularnega sistema</i> zdravljenje ishemične bolezni srca, antiaritmiki, zdravljenje srčnega popuščanja, zdravila z vplivom na tonus žil, zdravila z vplivom na lipide v plazmi • <i>Farmakologija ledvic</i> diuretiki • <i>Farmakologija krvi</i> zdravila z vplivom na hemostazo, trombozo in hematopoezo • <i>Farmakologija prebavil</i> zdravila za zdravljenje peptične razjede, emetiki in antiemetiki, odvajala, antidiaroiiki, spazmolitiki, zdravila, ki učinkujejo na jetra, zdravila za zdravljenje vnetnih črevesnih bolezni • <i>Farmakologija dihal</i> antiastmatiki, antitusiki • <i>Farmakologija endokrinega sistema</i> antidiabetiki, hormoni nadledvične žleze, ščitnice, spolni hormoni, zdravljenje osteoporoze 	<p>pharmacy, register of medicinal products</p> <ul style="list-style-type: none"> • <i>Pharmacodynamics</i> basic mechanisms and points of drug actions, relationship between dosages and effect of medications, interactions of medicines, receptors • <i>Pharmacokinetics.</i> absorption, distribution, metabolism and secretion of drugs • <i>Drug interactions</i> <i>Interactions between drugs, drug supplements and food</i> • <i>Adverse effects of drugs</i> The effects of age, gender, diet and environment on the efficiency of drugs • <i>Development and introducing new medications</i> pre-clinical and clinical testing • <i>Biological drugs</i> <p><i>Special pharmacology</i></p> <ul style="list-style-type: none"> • <i>Pharmacology of the autonomic nervous system.</i> neurotransmitters and receptors in the autonomic nervous system, drugs acting in parasympathetic and sympathetic system • <i>Anti-inflammatory and immunosuppressant drugs</i> <i>non-steroidal anti-inflammatory drugs, glucocorticoids, allergy treatment</i> • <i>Pharmacology of the cardiovascular system.</i> treatment of ischemic heart disease, antiarrhythmics, treatment of heart failure, drugs affecting vascular tone, drugs affecting plasma lipids • <i>Pharmacology of the kidneys</i> diuretics • <i>Pharmacology of blood</i> drugs with an effect on hemostasis, thrombosis and hematopoiesis • <i>Pharmacology of the gastrointestinal tract</i> drugs for treatment of peptic ulcer, emetics and antiemetics, laxatives, antidiarrhoeal medications, spasmolytics, medications affecting the liver, drugs for the treatment of inflammatory bowel diseases
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- *Farmakologija osrednjega živčevja.* neurotransmiterji v osrednjem živčevju, splošni in lokalni anestetiki, opioidni analgetiki, anksiolitiki, uspavala, antipsihotiki, antidepresivi, antiepileptiki, zdravljenje nevrodegenerativnih bolezni
- *Antiseptiki, dezinficijensi in insekticidi.* skupine, predstavniki, učinkovitost in uporaba, repelenti in insekticidi
- *Protimikrobna zdravila* osnove antimikrobnega zdravljenja, antibakterijska zdravila, zdravila za zdravljenje glivičnih okužb, protivirusna zdravila, zdravila proti črevesnim zajedalcem, antimalariki, amebicidi
- *Citostatiki*
- *Snovi, ki vplivajo na imunski odgovor*
- *Nekatere zastrupitve in antidoti*

Prehranska obravnava pacienta (30 P, 15 SV, 5 LV)

- *Pomen makrohranil* (maščobe, beljakovine in ogljikovi hidrati), *mikrohranil* (vitamini in minerali) *in vode v zdravi prehrani.*
- *Priporočila za prehrano v različnih življenjskih obdobjih in stanjih.*
- *Razlike med uravnoteženo zdravo prehrano in prehrano bolnika*
- *Ugotavljanje prehranske ogroženosti bolnikov (= prehransko presejanje).*
- *Prehransko presejalni testi: NRS 2002, MUST, SGA in MPP*
- *Prehranska obravnava bolnika* (ocena prehranskega stanja, prehranska diagnoza, prehransko ukrepanje – načrt, prehransko spremljanje).
- *Priporočila za prehrano bolnika glede na bolezensko stanje.*
- *Načini hranjenja.*
- *Enteralna prehrana.*
- *Metode ugotavljanja prehranske anamneze* (SV).
- *Načrtovanje prehrane, izračun hranilnih in energijskih potreb bolnika* (SV).

- *Pharmacology of the respiratory system.* antiasthmatics, antitussives
- *Pharmacology of the endocrine system* antidiabetics, subadrenal, thyroid and sex hormones, treatment of osteoporosis
- *Pharmacology of the central nervous system* neurotransmitters and receptors in the central nervous system, general and local anaesthetic drugs, analgesic drugs, anxiolytics, hypnotics, antipsychotics, antidepressants, antiepileptics, treatment of neurodegenerative diseases
- *Antiseptics, disinfectants and insecticides* groups, representatives, performance and usage, repellents and insecticides
- *Antimicrobial drugs* basics of antimicrobial treatment, antibacterial drugs, fungicides, antiviral drugs, medications against intestinal parasites, antimalarials, amebicides
- *Cytostatic medication*
- *Substances with an impact on the immune response*
- *Some intoxications and antidotes*

Nutritional Treatment of the Patient (30 L, 15 T, 5 LW)

- *Importance of macro-nutrients* (fats, proteins and carbohydrates), *micro-nutrients* (vitamins and minerals) *and water in healthy diet.*
- *Food recommendations in different life stages and states.*
- *Determination of nutritional threats to patients* (= nutritional screening).
- *Nutritional risks tests: NRS 2002, MUST, SGA and MNA*
- *Nutritional treatment of patient* (assessment of nutritional status, nutritional diagnosis, dietary intervention - plan, nutritional monitoring).
- *Recommendations of diets regarding the patient's medical condition.*
- *Methods of feeding.*

<ul style="list-style-type: none"> • <i>Sestavljanje jedilnikov z izračuni hranilne in energijske vrednosti za različna starostna obdobja</i> (SV). • <i>Izvajanje prehransko presejalnega testa NRS 2002</i> (SV) • <i>Sestavljanje jedilnikov za bolnike</i> (SV). • <i>Zagovor in predstavitev seminarske naloge</i> (SV) • <i>Izračun hranilne in energijske vrednosti 7-dnevnega prehranskega dnevnika študenta s pomočjo računalniške aplikacije »Odprta platforma za klinično prehrano«</i> (LV). • <i>Poročilo 7-dnevnega prehranskega dnevnika</i> (LV). 	<ul style="list-style-type: none"> • <i>Enteral nutrition.</i> • <i>Methods for identifying nutritional anamneses</i> (T). • <i>Planning a diet, calculation of nutritional and energy needs of patient</i> (T). • <i>Composing menus by calculating nutritional and energy values for different age groups</i> (T). • <i>Practising nutritional risk screening NRS 2002</i> (T) • <i>Composing menus for patients</i> (T). • <i>Presentation of seminar paper</i> (T) • <i>Calculating nutritional and energy values by composing a 7-day dietary diary of student using the computer application "Open Platform for Clinical Nutrition"</i> (LW). • <i>Report of 7-day dietary diary</i> (LW).
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Temeljna literatura in viri/Readings:

Temeljna literatura / Basic literature:

Farmakološka obravnava pacienta/Pharmacological Treatment of the Patient

- Lehne, R.A. (2013). *Pharmacology for Nursing Care*. 8th edition. Elsevier/Sanders.
- Neal, J.N. (2009). *Medical Pharmacology at a Glance*. 6th edition. Wiley Blackwell.

Prehranska obravnava pacienta/Nutritional Treatment of the Patient

- Nemško prehransko društvo, Avstrijsko prehransko društvo, Švicarsko društvo za raziskovanje prehrane in Švicarsko združenje za prehrano (2004). *Referenčne vrednosti za vnos hranil*. Ljubljana: Ministrstvo za zdravje.
- Rady Rolfes, S., Pinna, K., Whitney, E. (2009). *Understanding normal and clinical Nutrition*. United States of America: Wadsworth, Cengage Learning.
- Mahan, K., Escott-Stump, S. (2008). *Krause's Food, Nutrition & Diet therapy. 12th ed.* Philadelphia: W B Saunders Company.
- Tucker, S. in Dauffenbach, V. (2011). *Nutrition and Diet Therapy for Nurses*. Boston: Pearson.
- Escott Stump, S. (2008). *Nutrition and Diagnosis-Related Care* (6th Ed.). North Carolina: Wolters Kluwer business. Lippincott Williams & Wilkins.
- Dervišević, E. in Vidmar, J. (2011). *Vodič športne prehrane*. Ljubljana: Univerza v Ljubljani, Fakulteta za šport.
- Katsilambros, N., Dimosthenopoulos, C., Kontogianni, M.D., Manglara, N. in Poulia, K.A.(ur.). (2010). *Clinical Nutrition in Practice*. Oxford: Blackwell Publishing Ltd.
- McGuire, M., Berman, K.A. (2013). *Nutritional sciences : from fundamentals to food*, Australia: Wadsworth, Cengage Learning.
- Appleton, A., Vanbergen, O. (2015). *Metabolism and nutrition*, Edinburgh: Mosby Elsevier.

- Faber, P., Siervo, M. (2014). *Nutrition in critical care*, New York : Cambridge University Press.
- Hark, L. Deen, D., Morrison, G. (2014). *Medical nutrition & disease : a case-based approach*, Chichester (West Sussex, UK) ; Hoboken (NJ, USA) : Wiley Blackwell, Rady
- Souci, S.W. (2008). *Food composition and nutrition tables = Die Zusammensetzung der Lebensmittel Nährwert-Tabellen = La composition des aliments tableaux des valeurs nutritives*, Stuttgart : Medpharm Scientific Publishers ; Boca Raton : Taylor & Francis.

Priporočena literatura/ Recommended literature:

Farmakološka obravnava pacienta/ Pharmacological Treatment of the Patient

- Rang, H.P., Dale, M.M., Ritter, J.M. in Flower, R.J. (2023). *Rang and Dale's Pharmacology*. 10th edition. Edinburgh: Churchill, Livingstone.
- Brunton, L.L., Chabner, B.A., Knollmann, B.C. (2023). *Goodman & Gilman's The Pharmacological Basis of Therapeutics*. 14th edition. New York: McGraw-Hill.
- Spina, D. (2008). *Flesh and Bones of Medical Pharmacology*. Mosby Elsevier.
- Lüllmann, H., Mohr, K., Hein, L. in Bieger, D. (2017). *Color Atlas of Pharmacology*. 5th edition. G. Thieme Verlag, Stuttgart, New York. (repetitorij, pregledne slike)
- Varagić, V.M. in Milošević, M.P. (2009). *Farmakologija*. 23. izd. Beograd: Elit Medica.

Cilji in kompetence:

Učna enota prispeva k razvoju naslednjih splošnih in specifičnih kompetenc:

Farmakološka obravnava pacienta

- usvojiti temeljno znanje s področja farmakologije,
- razumeti dognanja farmakodinamike in farmakokinetike,
- seznaniti se z osnovnimi oblikami zdravil, ravnanjem z njimi in z osnovami predpisovanja zdravil,
- poznati osnovne mehanizme delovanja zdravil, njihove učinke na organizem, poti presnove in izločanja,
- spoznati skupine zdravil po farmakodinamskih učinkih,
- poznati nevarnosti neželenih učinkov zdravil in posledic, ki lahko nastanejo pri neprimerni uporabi ali zlorabi zdravil in pozna potrebne ukrepe pri tem,
- poznati vplive zdravil na plod, problem mutageneze, teratogeneze in kancerogeneze,
- seznaniti se z etičnimi in znanstvenimi zahtevami pri preizkušanju in vrednotenju zdravil,

Objectives and competences:

The learning unit mainly contributes to the

development of the following general and specific competences:

Pharmacological Treatment of the Patient

- acquiring fundamental knowledge in the field of pharmacology,
- learning fundamental knowledge in the field of pharmacokinetics, pharmacodynamics,
- understanding the basic forms of medication, treatments and the basics of prescribing medications,
- to be familiar with the basic mechanisms of medication effects, their effects on the organism, excretion through metabolic pathways,
- to be aware of grouping medicines at the pharmacodynamic level – effects,
- to know the risks, side effects of medications and their consequences, by unsuitable use or abuse and know the necessary measures in the case,
- to know the effects of medications on fetus, the problem of teratogenesis, carcinogenesis and mutagenesis,

- seznaniti se z racionalno in varno uporabo zdravil in z zdravstveno-ekonomskim pomenom potrošnje zdravil,
- razvijati sposobnost za povezovanje in uporabo spoznanj z različnih znanstvenih ved in disciplin pri delu s pacientom,
- vključevanje profesionalne etike, prepoznavanje in uporaba moralnih in etičnih načel pri delu,
- sposobnost vsestranskega in sistematičnega prilagajanja obravnave pacienta glede na relevantne fizikalne, socialne, kulturne, psihološke, spiritualne in družbene dejavnike,
- sposobnost prepoznati in interpretirati znake normalnega in spreminjajočega se zdravja (postavljanje diagnoz),
- sposobnost spoštovati pacientovo dostojanstvo, zasebnost in zaupnost podatkov,
- sposobnost informirati, izobraževati, vzgajati in nadzorovati paciente/oskrbovance in njihove družine,
- usposobljenost za vodenje zdravstvene dokumentacije, pisanje poročil in uporabo ustrezne tehnologije,
- usposobljenost aktivno promovirati zdravje, oceniti tveganje in skrbeti za varnost vseh ljudi v delovnem okolju.

Prehranska obravnava pacienta

- poznati pomen mikrohranil (maščobe, beljakovine in ogljikovi hidrati), makrohranil (vitamini in minerali) in vode v zdravi prehrani,
- poznati in razumeti priporočila za prehrano v različnih življenjskih obdobjih,
- razumeti postopke prehranske obravnave bolnika (ocena prehranskega stanja, prehranska diagnoza, prehransko ukrepanje – načrt, prehransko spremljanje in evalvacija),
- razumeti priporočila za prehrano bolnika glede na bolezensko stanje,
- razvijati sposobnost povezovanja znanja z različnih področij, na katerih temelji zdravstvena nega,

- to be acquainted with the ethical and scientific requirements in testing and evaluation of medicinal products,
- to be acquainted with the rational and safe use of medicines and health-economic importance of medication consumption,
- inclusion of professional ethics, recognising and using moral and ethical principles at work,
- the ability to adapt the individual all-round and systematic treatment according to the relevant physical, social, cultural, psychological, spiritual and social factors,
- the ability to recognize and interpret the signs of a normal or changing health status (nursing diagnosis setup);
- the ability to respect the patient's dignity, privacy and confidentiality of the data;
- the ability to inform, educate raise awareness and monitor the patients and their families,
- the ability to keep the record of nursing documentation, writing reports and using the modern technology,
- the ability to actively promote health, to evaluate risk and to take care of safety for all people in the working environment.

Nutritional Treatment of the Patient

- raise awareness of importance of micro-nutrients (fats, proteins and carbohydrates), macro-nutrients (vitamins and minerals) and water in healthy diet,
- know and understand the recommendations for food in different stages of life,
- understand the procedures of nutritional treatment of patient (assessment of nutritional status, nutritional diagnosis, dietary intervention - plan, nutritional monitoring and evaluation,
- understand nutritional recommendations for patients based on medical condition,

<ul style="list-style-type: none"> • razvoj komunikacijskih sposobnosti in spretnosti v strokovnem okolju, • uporaba informacijsko-komunikacijske tehnologije in sistemov na strokovnih področjih, • sposobnost izobraževati in vzgajati o zdravem načinu prehranjevanja, • usposobiti za izračun hranilnih in energijskih potreb bolnika • usposobiti za sestavo jedilnikov z izračuni hranilne in energijske vrednosti, • sposobnost uporabe standardov s kritičnim ocenjevanjem, interpretacijo, sintezo informacij o prehrani izbrane populacije, • sposobnost upoštevati psihološke (emocionalne, psihične, osebne) in biološke (udobna namestitve, ustrezna prehrana, osebna higiena in možnost za dnevne aktivnosti) potrebe pacienta, • usvojitev znanja s področja zdrave prehrane in dietetike ter zmožnost apliciranja teoretičnega znanja v strokovno delo, • usvojitev temeljnega znanja in principov raziskovalnega dela z vidika spremljanja prehranskega dnevnika, • spoznanje, da je dobro počutje pacienta doseženo v kombinaciji prizadevanj in aktivnosti vseh članov zdravstvenega tima, • sposobnost upoštevati individualne potrebe pacienta skozi življenjska obdobja z vidika prehranjevanja. 	<ul style="list-style-type: none"> • develop the ability of integrating knowledge from different fields on which nursing care is based, • development of communication skills in the professional environment (local and international), • use of information and communication technologies and systems in the areas of expertise, • the ability to educate and raise awareness on healthy eating, • qualify to calculate nutritional and energy needs of patient • qualify to compose menus with calculations of nutrient and energy value, • the ability to use standards with critical evaluation, interpretation, synthesis of information on nutrition of selected population, • the ability to consider psychological (emotional, psychological, personal) and biological (comfortable accommodation, suitable nutrition, personal hygiene, and possibility of daily activities) needs of patient, • acquiring knowledge of healthy nutrition and dietetics, including the ability of applying theoretical knowledge in the professional work, • acquiring fundamental knowledge and principles of research work in terms of monitoring the nutritional diary, • realization that the well-being of the patient is achieved by combining effort and activities of all members of the health social team, • the ability to consider individual patient's needs through various stages of life from the perspective of nutrition.
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Predvideni študijski rezultati:

Znanje in razumevanje

***Farmakološka obravnava pacienta
Študent/študentka:***

- se seznanijo z osnovnimi oblikami zdravil, ravnanjem z njimi in z osnovami predpisovanja zdravil,

Intended learning outcomes:

Knowledge and understanding:

***Pharmacological Treatment of the Patient
Students:***

- get acquainted with basic forms of medications, their usage and with basics of prescribing medications,

<ul style="list-style-type: none"> • pozna in razume osnovne mehanizme delovanja zdravil, njihove učinke na organizem, poti presnove in izločanja, • pozna skupine zdravil po farmakodinamskih učinkih, • razume nevarnosti neželenih učinkov zdravil in posledic, ki lahko nastanejo pri neprimerni uporabi ali zlorabi zdravil in pozna potrebne ukrepe pri tem, • pozna vplive zdravil na plod, problem mutageneze, teratogeneze in kancerogeneze, • seznaneni se z etičnimi in znanstvenimi zahtevami pri preizkušanju in vrednotenju zdravil, seznaneni se z racionalno in varno uporabo zdravil in z zdravstveno-ekonomskim pomenom potrošnje zdravil. <p><i>Prehranska obravnava pacienta</i> <i>Študent/študentka:</i></p> <ul style="list-style-type: none"> • razume, zdravstveni, ekološki, ekonomski in gastronomski vidik prehrane, • zna analizirati, oceniti in izračunati hranilne ter energijske vrednosti prehrane zdravega in bolnega posameznika v vseh življenjskih obdobjih, • aplicira pridobljeno teoretično znanje o zdravi in dietni prehrani v vsakdanje življenje ter bolnišnično in ambulantno zdravljenje, • se zaveda vpliva prehrane na zdravje ljudi in lastno zdravje. 	<ul style="list-style-type: none"> • know and understand the basic mechanisms of medication effects, their effects on the organism, and excretion through metabolic pathways, • know the categorising of medicinal products by pharmacodynamic effects, • know the categorising of medicines at the pharmacodynamic level – effects, • know the risks, side effects of medications and their consequences, by unsuitable use or abuse and know the necessary measures in the case, • know the effects of medications on fetus, the problem of teratogenesis, carcinogenesis and mutagenesis, • are acquainted with the ethical and scientific requirements in testing and evaluation of medicinal products, • are acquainted with the rational and safe use of medicines and health-economic importance of medication consumption. <p><i>Nutritional Treatment of the Patient</i> <i>Students:</i></p> <ul style="list-style-type: none"> • understand the health, ecological, economic and gastronomic aspect of nutrition, • know to analyze, evaluate and calculate the nutrient and energy values of diet of healthy and ill individuals in all stages of life, • apply theoretical knowledge to healthy and diet food in everyday life as well as inpatient and outpatient treatment, • are aware of the impact of nutrition on human health and their own health.
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Metode poučevanja in učenja:

Learning and teaching methods:

<ul style="list-style-type: none"> • <i>predavanja</i> z aktivno udeležbo študentov (razlaga, diskusija, vprašanja, primeri, reševanje problemov), • <i>seminarske vaje (Prehranska obravnava pacienta):</i> priprava, predstavitev in uspešen zagovor seminarske naloge (reševanje 	<ul style="list-style-type: none"> • <i>lectures</i> with active student participation (explanation, discussion, questions, examples, problem solving), • <i>tutorial (Nutritional Treatment of the Patient):</i> preparation, successful seminar paper presentation (problem solving, case studies, critical
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problemskih situacij, študije primera, kritično presojanje, diskusija, refleksija).	evaluation, assessment, discussion, reflection, project work, team work, individual work).
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Načini ocenjevanja:	Delež (v %) Weight (in %)	Assessment:
Skupna ocena je sestavljena iz dveh delov, pri čemer pozitivna ocena posameznega dela učne enote predstavlja:		The total grade consists of two parts, with a positive grade of each part of the learning unit representing:
o Farmakološka obravnava pacienta	40 %	o Pharmacological Treatment of the Patient
o Prehranska obravnava pacienta	60 %	o Nutritional Treatment of the Patient
K oceni posameznega dela učne enote prispevajo naslednji elementi:		The following elements contribute to the evaluation of each part of the learning unit:
o Farmakološka obravnava pacienta		o Pharmacological Treatment of the Patient
- izpit	100 %	- exam
o Prehranska obravnava pacienta		o Nutritional Treatment of the Patient
- izpit	80 %	- exam
- uspešna priprava in zagovor seminarske naloge	10 %	- preparation, presentation and successful defence of the seminar paper
- uspešna priprava poročila 7-dnevnega prehranskega dnevnika s pomočjo računalniške aplikacije »Odprta platforma za klinično prehrano« (energijsko in hranilno ovrednotenje obrokov)	10 %	- successfully prepared report of the 7-day dietary diary with the help of the computer application "Odprta platforma za klinično prehrano" (energy and nutritious evaluation of meals)
Ocenjevalna lestvica: ECTS.		Grading scheme: ECTS.