

Subject program „7ÄA17/TVL Healthy Newborn and a Child”

Year: 2019/2020

Status: Active

Subject language Estonian
Creditpoints 4 ECTS
Grading method Distinctive (letters)
Academicians

General

Subject objective To acquire knowledge on a development of a newborn and a child and the factors affecting it, to acquire skills to implement the knowledge during the midwifery care.

Learning outcomes

1. Knows the particular features of a newborn adjustment period and is able to evaluate them.
2. Knows the anatomical-physiological characteristics of a child's development and is able to evaluate them.
3. Describes the health promotion principles to a child and his/her family.
4. Demonstrates the examination and care principles of a child in simulation environment.

Learning outcomes	
1.Outcome	1. Knows the particular features of a newborn adjustment period and is able to evaluate them.
grade „Sufficient(E)”	Students knowledge on the particular features of a newborn adjustment period and is ability to evaluate them is on a minimum level 51-60% of correct answers on the test.
grade „Satisfactory(D)”	Students knowledge on the particular features of a newborn adjustment period and is ability to evaluate them is on a satisfactory level. 61-70% of correct answers on the test.
grade „Good(C)”	Students knowledge on the particular features of a newborn adjustment period and is ability to evaluate them is on a good level. 71-80% of correct answers on the test.
grade „Very good(B)”	Students knowledge on the particular features of a newborn adjustment period and is ability to evaluate them is on a very good level 81-90% of correct answers on the test.
grade „Excellent(A)”	Students knowledge on the particular features of a newborn adjustment period and is ability to evaluate them is on an excellent level 91-100% of correct answers on the test.
2.Outcome	2. Knows the anatomical-physiological characteristics of a child's development and is able to evaluate them.

Learning outcomes	
grade „Sufficient(E)”	Students knowledge on the anatomical-physiological characteristics of a child's development and the ability to evaluate them are on a minimum level. 51-60% of correct answers on the test.
grade „Satisfactory(D)”	Students knowledge on the anatomical-physiological characteristics of a child's development and the ability to evaluate them are on a satisfactory level. 61-70% of correct answers on the test.
grade „Good(C)”	Students knowledge on the anatomical-physiological characteristics of a child's development and the ability to evaluate them are on a good level. 71-80% of correct answers on the test.
grade „Very good(B)”	Students knowledge on the anatomical-physiological characteristics of a child's development and the ability to evaluate them are on a very good level. 81-90% of correct answers on the test.
grade „Excellent(A)”	Students knowledge on the anatomical-physiological characteristics of a child's development and the ability to evaluate them are on an excellent level. 91-100% of correct answers on the test.
3.Outcome	3. Describes the health promotion principles to a child and his/her family
4.Outcome	4. Demonstrates the examination and care principles of a child in simulation environment.

Subject program parts

default

Changer confirm	Katrin Klein 18.06.2019
Reviewer confirm	Katrin Klein 18.06.2019
Administrator confirm	Kristiina Puura 27.08.2019

Study in different study forms

Study form	Lecture	Excerice	Seminar	Practice	Homework	Internet study	Out of office	Practical training
All study forms			38.0	16.0	50.0			

General description

The subject is held during the spring semester of the first year. Prerequisite subjects: Anatomy, Physiology and Healthy Person. Passing the subject is a prerequisite to the subject Normal Pregnancy and Child Birth.

Forms of studying

The subject is taught by two lecturers who have divided the topics among themselves. A visiting lecturer may also participate. Timetable is indicative and may contain changes in topics as well as in the duration.

In case of not being able to participate in the studies, the lecturers must be informed beforehand and additional assignments may be given instead.

If it is not possible to participate in the simulation class, there is a possibility to retake the class next study year with a new course.

Student has the right to main evaluation and to reevaluations in case of a previous negative result (including non-appearance).

Consultations have to be agreed upon beforehand.

Kristina Krivats-Arba: kristina.krivats-arba@ttk.ee

Silja Mets-Oja: silja.mets-oja@ttk.ee

Teaching methods

Seminar, discussion, practicing, group works, simulation learning, independent work.

Content and method for independent study

The aim is to create a practical tool which can be used in the study process and during practical training. Independent work is creating a concept map on observation of the child development. The basis is the "Health Examination of Children up to 18 Years". Independent work evaluation method is nondifferentiated.

Required reading (K)

Ormisson, A., Varendi, H. (2015). Neonatologia. Õpik arstiteaduskonna üliõpilastele. Tartu Ülikooli Kirjastus:Tartu

Uibo, O., Grünberg, H., Kallas, E., Talvik, T.,(2010) LASTEHAIGUSTE PROPEDEUTIKA ALGTÕED. Õppevahend arstiteaduskonna üliõpilastele. Tartu Ülikooli kirjastus: Tartu

Imikute ja väikelaste vigastuste vältimine. (2011).

https://intra.tai.ee/images/prints/documents/134884110354_Broshyyr_Imikute_ja_v2ikelaste_vigastuste_v2ltimine_2011.pdf

Aasvee, K., Liiv,K., Eha, M., Oja,L., Härm,T., Streimann, K. (2016). Eesti kooliõpilaste tervisekäitumine : 2013/2014. õppeaasta uuringu raport. Tervise Arengu Instituut.

Kalda, R. (2012). Haiguste ennetamisest perearstile. Tartu Ülikooli Kirjastus. (Immuniseerimise peatükk).

Kutsar, K. (2017). Vaktsiinid ja vaktsineerimine : vaktsineerija käsiraamat. Sotsiaalministeerium.

Kutsar, K. (2014). Vaktsiinid ja vaktsineerimine : vaktsineerija käsiraamat. Sotsiaalministeerium. https://www.sm.ee/sites/default/files/content-editors/eesmargid_ja_tegevused/Tervis/Tervislik_eluviis/vaktsiinidjavaktsineerimine_2014_v_eebi.pdf (05.02.2019)

Maanteeameti inforaamat „Lapse ohutu sõidutamine autos“ (2018)

https://www.mnt.ee/sites/default/files/content-editors/Failid/eto/lapse_ohutu_s6idutamine_a5_5mmb1.pdf

Recommended reading (T)

Säde, M. (2017). Sinu Aktiivne beebi. Arendavad harjutused sünnist esimese sammuni.

Thumann, B., Veidebaum, T., Russo, P., Tornatitis, M., Santaliesra-Pasías, A.M., Pala, V., Lissner, L., IDEFICS consortium. (2017). Bidirectional associations between psychosocial well-being and adherence to healthy dietary guidelines in European children: prospective findings from the IDEFICS study. BMC Public Health.

Kuidas vältida koolieelikute vigastusi. (2007).

https://intra.tai.ee/images/prints/documents/134884140534_Broshyyr_Kuidas_v2ltida_koolieelikute_vigastusi_2007.pdf

Methods of assessment

A test in Moodle environment is used to evaluate on which level the student has achieved the learning outcomes.

Participating in seminars, practical classes and simulation classes together with timely presenting of independent work are the prerequisites for taking the test. (learning outcome 3 and 4).

Interim evaluations are made during lectures to revise the previously addressed topics. In order to take the final test all interim tests have to be passed with a positive result - minimum 70% of correct answers.

Additional information

Requirements of using the Simulation Center:

1. Personal belongings (bags, laptops, mobile phones and other smart devices) should be left in the individual locked closet;
2. Special college uniform for practical classes and indoor footwear must be worn during the classes;
3. All personal hygiene requirements are followed;
4. Food and drinks, incl. coffee, tea, etc. is not allowed in the Simulation Center;
5. Simulation Center is opened only with the lecturer's entry card.

Filming and taking photographs is not allowed.

Subject program

Nr	Activity	Hours	Literature	Academicians
1.	Sissejuhatus ainesse. Lapseiga. Vastsündinu. / Introduction to the subject. Infancy. Newborn.	4	Ormisson, A., Varendi, H. (2015). Neonatoloogia. Õpik arstiteaduskonna üliõpilastele. Tartu Ülikooli Kirjastus: Tartu Õppejõu konspekt / Lecturer's materials	Kristina Krivats-Arba

2.	Postnataalne adaptatsioon. Terve vastsündinu / Postnatal adaption. Healthy newborn.	4	Ormisson,A.,Varendi, H. (2015). Neonatoloogia. Õpik arstiteaduskonna üliõpilastele. Tartu Ülikooli Kirjastus:Tartu Õppejõu konspekt / Lecturer's materials	Kristina Krivats-Arba
3.	Vastsündinu uurimine. Sכיiningtestid. / Examination of the newborn. Screening tests.	4	Ormisson,A.,Varendi, H. (2015). Neonatoloogia. Õpik arstiteaduskonna üliõpilastele. Tartu Ülikooli Kirjastus:Tartu Uibo, O., Grünberg,H., Kallas, E, Talvik, T.,(2010) LASTEHAIGUSTE PROPEDEUTIKA ALGTÕED Õppevahend arstiteaduskonna üliõpilastele. Tartu Ülikooli kirjastus: Tartu Õppejõu konspekt / Lecturer's materials	Kristina Krivats-Arba
4.	Terve laps ja tema areng (läbi 12 elamistoimingu). Lapse tervise ja arengu toetamine. / Healthy child and his/her development (via 12 activities of living).	6	Rühmatöö, ettekanded, arutelu. / Group work, presentations, discussion. Säde, M. (2017). Sinu Aktiivne beebi. Arendavad harjutused sünnist esimese sammuni. Uibo, O., Grünberg,H., Kallas, E, Talvik, T.,(2010) LASTEHAIGUSTE PROPEDEUTIKA ALGTÕED Õppevahend arstiteaduskonna üliõpilastele. Tartu Ülikooli kirjastus: Tartu	Kristina Krivats-Arba

5.	<p>Lapse uurimine. / Examining a child. Põhitõed, üldmulje lapsest, füüsiline areng (kehamass, -pikkus, peaümberrõõd), psühhomotoorne areng.</p> <p>Main principles, overall impression of the child, physical development (body mass, height, head circumference, psychomotor development). Lapse arengu jälgimine. / Observing the child's development.</p>	6	<p>Õppejõu konspekt. Rühmatöö / Lecturer's materials. Group work</p>	Kristina Krivats-Arba
6.	<p>I praktikum / I practical class praktiseerime vastsündinu läbivaatust ning hoolduse põhimõtteid. / Practicing the examination of a newborn and the principles of care.</p>	4	<p>Õppejõu konspekt / Lecturer's materials</p>	Kristina Krivats-Arba
7.	<p>II praktikum / II practical class toimingud lapsega (hügieen, riietumine jne), vanemate nõustamine / activities with the child (hygiene, dressing, etc), counselling parents.</p>	4	<p>Õppejõu konspekt / Lecturer's materials</p>	Kristina Krivats-Arba
8.	<p>Seminar koduvisiit / Seminar home visit</p>	4	<p>Lapse ja tema perekonna seisundi hindamine kodus. Koduvisiidil lähtuda motiveeriva intervjuu põhimõtetest https://www.tartu.ee/sites/default/files/uploads/Sotsiaalabi-ja-tervishoid/voldikud/Motiveeriv%20intervjueerimine%20tervishoius.%20TAI%202011.pdf</p> <p>Evaluating the child's and the family's condition at home. During home visit the principles of motivating interviewing are to be kept in mind.</p>	Kristina Krivats-Arba

9.	<p>Rühmatöö: ennetuspõhimõtted lapse arengus (turvaline keskkond, toitumine.) / Group work: preventative principles in child's development (safe environment, nutrition).</p> <p>Seminaris toimub arutelu, kuhu tullakse ettevalmistatult. Seminari võetakse kaasa vastavalt alagrupiteemale ajakirjad, pildid, brožüürid (alagrupid on üles laetud õppematerjalidesse). Kaasavõetud materjalide põhjal tehakse tutvustav ettekanne. Ettekanne koostatakse rühmatööna seminaris.</p> <p>A discussion is held during the seminar which must be prepared for in advance. According to the subgroup, journals, pictures, brochures must be taken to the seminar (subgroups are uploaded to the learning materials). Using the materials that were taken to the seminar, an introductory presentation is made as a group-work. The presentation is compiled during the seminar.</p>	4	<p>Vigastuste ennetamine ja turvaline keskkond (TAI koduleht), http://www.terviseinfo.ee/et/tervise-edendamine/lasteaias/juhendmaterjalid/vigastuste-ennetamine-ja-turvaline-keskkond. / Preventing injuries and safe environment. (Webpage of National Institute of Health Development). Õppejõu konspekt. / Lecturer's materials. Maanteeameti infovoldik Lapse ohutu sõidutamine autos 2018 https://www.mnt.ee/sites/default/files/content-editors/Failid/eto/lapse_ohutu_s6idutamine_a5_5mmb1.pdf / Information leaflet of Estonian Road Administration. Safe driving with children in the car.</p>	Silja Mets-Oja
10.	Vaktsineerimine / Vaccinating	4	<p>Vaktsineerimise põhialused. / Main principles of vaccinating.</p> <p>Rühmaarutelu teemadel: Vaktsiinid on head, vaktsiinid on pahad. /Group work on topics: Vaccines are good, vaccines are bad.</p>	Silja Mets-Oja

11.	Simulatsioonid / Simulations	8	<p>Koduvisiit, imiku ja väikelapse jälgimine ning tema pereliikmete nõustamine perearstikeskuses, sünnitusjärgses osakonnas. Simulatsioonis kasutatakse iseseisva tööna koostatud mõistekaarte. / Home visit, observing an infant and a child and counselling family members in family doctor's center, in a hospital after the child birth.</p>	Kristina Krivats-Arba, Silja Mets-Oja, Katrin Klein
12.	Arvestus Moodles ja tagasiside / Credit in Moodle environment and feedback	2		Kristina Krivats-Arba