

Course description

Course abbreviation:	KOS/K8FVK	Page:	1 / 3
Course name:	Physical examination in nursing		
Academic Year:	2023/2024	Printed:	26.05.2024 19:19

Department/Unit /	KOS / K8FVK			Academic Year	2023/2024
Title	Physical examination in nursing			Type of completion	Course-credit
Long Title	Physical examination in nursing				
Accredited/Credits	Yes, 2 Cred.			Type of completion	Combined
Number of hours	Lecture 5 [Hours/Semester] Tutorial 10 [Hours/Semester]				
Occ/max	Status A	Status B	Status C	Course credit prior to	NO
Summer semester	0 / -	0 / -	0 / -	Counted into average	NO
Winter semester	0 / -	0 / -	0 / -	Min. (B+C) students	not determined
Timetable	Yes			Repeated registration	NO
Language of instruction	Czech			Semester taught	Summer semester
Optional course	Yes			Internship duration	0
Evaluation scale	S N				
No. of hours of on-premise					
Auto acc. of credit	No				
Periodicity	K				
Substituted course	None				
Preclusive courses	N/A				
Prerequisite courses	N/A				
Informally recommended courses	N/A				
Courses depending on this Course	N/A				

Course objectives:

The aim of the subject is to acquaint students with the principles of physical assessment (PA) in nursing and basic principles of using physical assessment in practice.

Requirements on student

Completion of compulsory 50% attendance at the lectures.
 Completion of compulsory 80% attendance at the practicum sessions.
 Completing assigned written work.
 Successful completion of an oral examination.

Content

Organization of physical assessment, preparation for PA, basic procedures, and a plan of PA.
 Assessment of the overall condition of the patient. Assessment of the head and neck.
 Fundamentals of neurological assessment.
 Screening methods in neurology. Physical assessment of the skin and peripheral circulation. Assessment of the chest.
 Assessment of the abdomen and genitals.
 Musculoskeletal assessment.
 Assessment of children, pregnant women, and seniors.
 Assessment of the functional status, plan of care, multidisciplinary cooperation, and documentation.

Preparation of assessment tools and patient for physical assessment, medical history, interview with the patient, and a plan of PA.
 Assessment of the overall condition of the patient. Fundamentals of neurological assessment. Assessment of the chest. Assessment of the functional status, plan of care, multidisciplinary cooperation, and documentation.
 Assessment of the consciousness, behaviour, position, posture, physical and nutritional status, facial expression, physiological functions.
 Assessment of the head and neck, sight, hearing, oral cavity.

Neurological assessment - cranial nerves, pupil examination, visual pathways.
 Neurological assessment - assessment of mobility, sensation, coordination, reflexes.
 Screening methods in neurology - swallowing, falls, cognitive functions. Assessment of the chest, lungs, and breasts.
 Assessment of the heart, ECG.
 Physical assessment of the skin and peripheral circulation.
 Musculoskeletal assessment.
 Assessment of the abdomen, genitals, urethra and rectum.
 Assessment of children, pregnant women, and seniors.

Prerequisites - other information about course preconditions

Competences acquired

Students acquire systematic knowledge and skills from the field of physical assessment (PA) of the patient, know principles of the procedures used in PA of individual body systems and principles of the procedures used in the overall "head-to-toe" PA. They are able to use the acquired knowledge and skills in the nursing process. They plan patient care based on the performed PA.

Fields of study

Guarantors and lecturers

- **Guarantors:** doc. Petra Mandysová, MSN, Ph.D. (100%), prof. MUDr. Arnošt Pellant, DrSc. (100%)
- **Lecturer:** doc. Petra Mandysová, MSN, Ph.D. (100%)
- **Tutorial lecturer:** doc. Petra Mandysová, MSN, Ph.D. (100%)
- **Seminar lecturer:** doc. Petra Mandysová, MSN, Ph.D. (100%)

Literature

- **Basic:** RUSHFORTH, HELEN. *Assessment made incredibly easy!*. London: Wolters Kluwer, 2009.
- **Basic:** BICKLEY L S. *Bates' Guide to Physical Examination and History Taking*. 10th ed. Lippincott Williams & Wilkins, Wolters Kluwer, 2009.
- **Basic:** ROKYTA R. *Bolest a jak s ní zacházet*. 1. vyd. Praha: Grada, 2009.
- **Basic:** MANDYSOVÁ P, ŠKVRŇÁKOVÁ J. *Diagnostika poruch polykání - z pohledu sestry*. Praha: Grada, 2016.
- **Basic:** NEJEDLÁ M. *Fyzikální vyšetření pro sestry*. 2. přeprac. vyd. Praha: Grada Publishing, 2015.
- **Basic:** MANDYSOVÁ P, HLAVÁČKOVÁ, E. *Fyzikální vyšetření v ošetrovatelství*. Pardubice: Univerzita Pardubice, Fakulta zdravotnických studií, 2013.
- **Basic:** POKORNÁ A. a kol. *Ošetrovatelství v geriatrici: Hodnotící nástroje*. 1. vyd. Praha: Grada, 2013.
- **Basic:** BALL, J. W. et al. *Seidel's Guide to Physical Examination*. 8th ed. St. Louis: Elsevier Mosby, 2014.
- **Basic:** MANDYSOVÁ P, HLAVÁČKOVÁ E. *Základní vyšetření pacienta s edémem*. Diagnóza v ošetrovatelství, 5(7), 6-9., 2009.
- **Basic:** MANDYSOVÁ P, ŠKVRŇÁKOVÁ J. *Základní vyšetření polykací funkce sestrou*. Diagnóza v ošetrovatelství, 6(1), 20-22., 2010.
- **Recommended:** MANDYSOVÁ P. a kol. *Fyzikální vyšetření pro sestry: Glasgow coma scale*. Profese, 3(2), 4-5., 2008.
- **Recommended:** WEBER J, KELLEY J. *Health Assessment in Nursing*. Philadelphia, PA: Lippincott Williams & Wilkins, 2010.
- **Recommended:** ROKYTA, R. et al. *Léčba bolesti ve stáří*. 1. vyd. Praha: Mladá Fronta, 2012.
- **Recommended:** KEJKLÍČKOVÁ I. *Logopedie v ošetrovatelské praxi*. 1. vyd. Praha: Grada, 2011.
- **Recommended:** SLEZÁKOVÁ L. a kol. *Ošetrovatelství v gynekologii a porodnictví*. 1. vyd. Praha: Grada, 2011.
- **Recommended:** SLEZÁKOVÁ L. a kol. *Ošetrovatelství v neurologii*. 1. vyd. Praha: Grada, 2014.
- **Recommended:** SLEZÁKOVÁ L. a kol. *Ošetrovatelství v pediatrii*. 1. vyd. Praha: Grada, 2010.
- **Recommended:** COX, CAROL LYNN. *Physical assessment for nurses*. Chichester: Wiley-Blackwell, 2010.

Teaching methods

Monologic (reading, lecture, briefing)
 Dialogic (discussion, interview, brainstorming)
 Work with text (with textbook, with book)
 Demonstration

Skills training

Stimulating activities (simulation, games, drama)

Assessment methods

Oral examination

Home assignment evaluation

Student performance assessment

Course is included in study programmes:
