

Information sheet for the course
Kineziotherapy clinical disciplines II.
Compulsory Subject

University: <i>Alexander Dubček University of Trenčín</i>	
Faculty: <i>Faculty of Health Care</i>	
Course unit code: KINvKO2/e	Course unit title: Kineziotherapy clinical disciplines II .
Type of course unit: <i>compulsory</i>	
Planned types, learning activities and teaching methods: <i>Lecture: 2 hours weekly/26 hours per semester of study; full-time</i> <i>Seminar: 2 hours weekly/26 hours per semester of study; full-time</i>	
Number of credits: 3	
Recommended semester: 4 th semester in the 2 nd year (part-time)	
Degree of study: I (bachelor)	
Course prerequisites: Kineziotherapy clinical disciplines I., Physiology	
Assessment methods: The student will acquire 50 points per semester : Active participation in lectures and exercises. Practical examination (25 points) . Test / oral examination (25 points) . The acquisition and evaluation is necessary to obtain at least 48 points , to obtain user B at least 44 points on C score at least 41 points to score at least 38 points D and E score at least 35 points .	
Learning outcomes of the course unit: Learning outcomes : The student will study the subject in kineziotherapy II clinical fields . gaining theoretical knowledge in a comprehensive cardiovascular rehabilitation in coronary heart disease , conditions after myocardial infarction , hypertension and conditions after the cardiovascular system . Acquires knowledge about the problems of an aging organism with a focus on appropriate physical activity based on age and morbidity .It also acquires the knowledge required to rehabilitative treatment of disorders of the respiratory system and other internal systems (gastrointestinal , endocrine , lymphatic) . The student is able to formulate objectives and tasks of physiotherapy in patients with RVA cases of respiratory disease , propose and justify selected physiotherapy program .The knowledge can be applied in practice by suitable selection of physiotherapy and its correct application , taking into account the current state of health , age and capacity of the patient . Can formulate physiotherapy goals and propose a comprehensive physiotherapy program using physical therapy .The results of tests performed , kinziotherapy and physical therapy records to the appropriate documentation for physiotherapy process . Virtually controls basic methodology cardio rehabilitation and respiratory physiotherapy .. The goal is to explain the importance of physiotherapy process in medical fields of internal medicine and rheumatology . Translate lessons learned in medical and humanities in physiotherapy in internal medicine and rheumatology.	
Course contents: 1. Characteristics of physiotherapy in internal medicine and rheumatology – historical development. 2 . The general performance of the body , cardiovascular efficiency. 3 . Basic questions cardiovascular rehabilitation. 4 . Ischemic heart disease , post myocardial infarction , post heart surgery – rehabilitation. 5 . Hypertension and rehabilitation programs. 6 . Borg scale . 7. Psychosocial aspects of cardiac rehabilitation and geriatric patients. 8 . Cardiac function in geriatrics. 9 . Physiology and pathophysiology of aging organism. 10 . Cardiac function in senile age. 11 . Rehabilitation of respiratory diseases . 12 . Physiotherapy in diseases of the gastrointestinal tract. 13 . Physiotherapy in metabolic and endocrine disorders.	

- 14 . Physiotherapy in diseases of the lymphatic system.
15. Specifics kinesiotherapeutic process in oncology.
- 16 . Physiotherapy in rheumatic diseases .
- 17 . Physiotherapy in degenerative diseases of joints.
- 18 . Physiotherapy in painful shoulder syndrome .

Exercises :

1. Monitoring the patient's physiological functions (blood pressure , pulse and respiratory rate, body temperature , calculate the training heart rate) .
- 2 . The overall objective examination of patients with internal disease organon.
- 3 . Training unit for cardiac patients (appropriate and inappropriate physical activity) .
- 4 . Fitness exercise in geriatric identifies two groups (appropriate and inappropriate physical activity) .
- 5 . Respiratory physiotherapy (bronchial hygiene , positional drainage, strengthening respiratory.

Odporúčaná literatúra:

1. KOLÁŘ, P., et al.: 2009. Rehabilitace v klinické praxi. Praha: Galén, 2009. 76 s. [ISBN 978-80-7262-657-1](#).
2. GÚTH, A. a kol.: 2011. Vyšetrovacie metodiky v rehabilitácii, Liečreh, Bratislava, 2011.
3. GÚTH, A. a kol.: 2005. Liečené metodiky v rehabilitácii pre fyzioterapeutov. Liečreh Gúth, Bratislava, 2005, ISBN 80-88932-16-5.
4. VÉLE, F.: 2012. Vyšetření hybných funkcí z pohledu neurofyzologie. Triton, 2012, ISBN 97-80-7387-608-1.
5. CHALOUPKA, R. a kol.: 2001. Vybrané kapitoly z LTV v ortopedii a traumatologii. NCO NZO, 2001, ISBN 80-7013-341-4.
6. HROMÁDKOVÁ J.: 2002. Fyzioterapie. H+H Vyšehradská, 2002, ISBN [8086022455](#).
7. LARSEN, Ch., LARSEN, C., HARTELT, O.: 2010. Držení těla, analýza a způsoby zlepšení. Poznání, 2010, ISBN 978-80-86606-93-4.

Language: Slovak

Remarks:

Evaluation history: *Number of evaluated students*

A	B	C	D	E	FX

Lectures: MUDr. Miroslav Malay, Mgr. Miroslav Černický

Last modification: 22.04.2014

Supervisor: doc. MUDr. Juraj Čelko, PhD.