

Information sheet for the course Kineziotherapy clinical disciplines II.

University: <i>Alexander Dubček University of Trenčín</i>	
Faculty: <i>Faculty of Health Care</i>	
Course unit code: <i>KINvKO2/d</i>	Course unit title: <i>Kineziotherapy clinical disciplines II.</i>
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: <i>3</i>	
Recommended semester: <i>4th semester in the 2nd year (full-time)</i>	
Degree of study: <i>I (bachelor)</i>	
Course prerequisites: <i>Kineziotherapy clinical disciplines I., Physiology</i>	
Assessment methods: <i>The student will acquire 50 points per semester :</i> <i>Active participation in lectures and exercises.</i> <i>Practical examination (25 points) .</i> <i>Test / oral examination (25 points) .</i> <i>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.</i>	
Learning outcomes of the course unit: <i>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.</i> <i>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.</i>	
Course contents: <ol style="list-style-type: none"> <i>1. Characteristics of physiotherapy in internal medicine and rheumatology – historical development.</i> <i>2 . The general performance of the body , cardiovascular efficiency.</i> <i>3 . Basic questions cardiovascular rehabilitation.</i> <i>4 . Ischemic heart disease , post myocardial infarction , post heart surgery – rehabilitation.</i> <i>5 . Hypertension and rehabilitation programs.</i> <i>6 . Borg scale .</i> <i>7. Psychosocial aspects of cardiac rehabilitation and geriatric patients.</i> 	

- 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 neurofyziologie. 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*

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Supervisor: *doc. MUDr. Juraj Čelko, PhD.*