

UNIVERSITY OF ZAGREB SCHOOL OF MEDICINE

Plan of the course

Physical and Rehabilitation Medicine

Academic year **2016/2017**

doc. dr. sc. Porin Perić

I. COURSE AIMS

Learning outcomes

At the end of the course students should be able to:

- recognize major functional disorders of musculoskeletal system
- understand the impact of chronic illness on functioning
- define impairment, disability and handicap
- differentiate disease and consequences of disease on personal and society level
- indicate goal of the rehabilitation process
- name the members of rehabilitation team and their role in rehabilitation process
- describe mechanism of action and indication of particular physical agent

II. COURSE STRUCTURE

Course hours:

Lectures: 10

Seminar: 20

Clinical practicals: 15

Total hours: 45

III. PLAN OF THE COURSE AND COURSE SCHEDULE

BLOCKS OF THE COURSE

Number of blocks: 1

Block number	Start	End
1.	10.10.2016	21.10.2016

BLOCKS OF THE COURSE

Number of blocks: 1

Block number	Start	End
1.	10.10.2016	21.10.2016

BLOCKS OF THE COURSE SCHEME

Block 1

Date	Time	Group	Course hours type	Theme	Teaching staff
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Date	Time	Group	Course hours type	Theme	Teaching staff
Monday 10.10.2016.	09:00-09:45; KBC, Edukacijski istok - 2	All	Lectures	Introduction	doc. dr. sc. Porin Perić
	09:45-10:30; KBC, Edukacijski istok - 2	All	Lectures	Physical medicine	doc. dr. sc. Porin Perić
	11:00-11:45; KBC, Edukacijski istok - 2	All	Lectures	Rehabilitation medicine	doc. dr. sc. Porin Perić
	11:45-12:30; KBC, Edukacijski istok - 2	All	Lectures	Musculoskeletal disorders	doc. dr. sc. Nadica Laktašić Žerjavić
Tuesday 11.10.2016.	09:00-09:45; KBC, Edukacijski istok - 2	All	Seminar	Clinical examination	doc. dr. sc. Porin Perić
	09:45-10:30; KBC, Edukacijski istok - 2	All	Seminar	Assessment of disability and outcomes	doc. dr. sc. Porin Perić
	11:00-12:30; KBC, Edukacijski istok - 2	All	Seminar	Measurement in physical medicine	doc. dr. sc. Porin Perić
Wednesday 12.10.2016.	09:00-10:30; KBC, Edukacijski istok - 2	All	Seminar	Exercises	doc. dr. sc. Nadica Laktašić Žerjavić
	11:00-12:30; KBC, Edukacijski istok - 2	All	Seminar	Tissue injury	doc. dr. sc. Nadica Laktašić Žerjavić
Thursday 13.10.2016.	09:00-10:30; KBSM, Klinika za reumatologiju, fizikalnu medicinu i rehabilitaciju	All	Seminar	Hot cold modalities	prof. dr. sc. Simeon Grazio
	11:00-12:30; KBSM, Klinika za reumatologiju, fizikalnu medicinu i rehabilitaciju	All	Lectures	Hydrotherapy	prof. dr. sc. Simeon Grazio
Friday 14.10.2016.	09:00-10:30; KBC, Edukacijski istok - 2	All	Seminar	Neuromuscular disorders	Iva Žagar, dr. med.
	11:00-12:30; KBC, Edukacijski istok - 2	All	Seminar	Modulation of pain	doc. dr. sc. Porin Perić
Monday 17.10.2016.	09:00-11:15; KBSM, Klinika za reumatologiju, fizikalnu medicinu i rehabilitaciju	All	Lectures	Electrotherapy I	prof. dr. sc. Zrinka Jajić

Date	Time	Group	Course hours type	Theme	Teaching staff
	12:30-13:15; KBSM, Klinika za reumatologiju, fizikalnu medicinu i rehabilitaciju	All	Lectures	Electrotherapy II	prof. dr. sc. Zrinka Jajić
Tuesday 18.10.2016.	09:00-10:30; KBSM, Klinika za reumatologiju, fizikalnu medicinu i rehabilitaciju	All	Seminar	Nociception and TENS	dr. sc. Frane Grubišić
	11:00-11:45; KBSM, Klinika za reumatologiju, fizikalnu medicinu i rehabilitaciju	All	Seminar	Biofeedback	dr. sc. Frane Grubišić
	11:45-12:30; KBSM, Klinika za reumatologiju, fizikalnu medicinu i rehabilitaciju	All	Seminar	Laser and electromagnetic field	dr. sc. Frane Grubišić
Wednesday 19.10.2016.	09:00-13:30; KBC, Klinika za reumatske bolesti i rehabilitaciju	Group A & B	Clinical practicals	Neck, shoulder and upper extremity disorder-evaluation and treatment	Iva Žagar, dr. med., doc. dr. sc. Porin Perić
	09:00-13:30; KBSM, Klinika za reumatologiju, fizikalnu medicinu i rehabilitaciju	Group C	Clinical practicals	Neck, shoulder and upper extremity disorder-evaluation and treatment	dr. sc. Frane Grubišić
Thursday 20.10.2016.	09:00-13:30; KBSM, Klinika za reumatologiju, fizikalnu medicinu i rehabilitaciju	Group C	Clinical practicals	Low back, hip and lower extremity disorder-evaluation and treatment	dr. sc. Frane Grubišić
	09:00-13:30; KBC, Klinika za reumatske bolesti i rehabilitaciju	Group A & B	Clinical practicals	Low back, hip and lower extremity disorder-evaluation and treatment	Iva Žagar, dr. med., doc. dr. sc. Nadica Laktašić Žerjavić
Friday 21.10.2016.	09:00-13:30; KBC, Klinički zavod za rehabilitaciju i ortopedsku pomagala	All	Clinical practicals	Comprehensive rehabilitation program after amputation of limb	dr. sc. Vedrana Mužić Radović

Klinika za reumatologiju, fizikalnu medicinu i rehabilitaciju is located at KBC Sestre Milosrdnice, Vinogradska cesta 29.

Klinika za reumatske bolesti i rehabilitaciju is located at KBC Zagreb, Kišpatićeva 12.

Klin. zavod za rehab. i ortop. pomagala is located at KBC Zagreb, Božidarevićeva 11.

IV. EXAMINATIONS

NOTE: the exam is taken after the shift, in agreement with students. Exceptionally, there is possibility for oral lity for oral exam for individuals with formal reason. exam for individuals with formal reason.

Final exam in the test form 30 questions with one correct answer.

1st term:

V./I. LIST OF LECTURERS AND TEACHING STAFF

1. doc. dr. sc. Porin Perić
2. doc. dr. sc. Nadica Laktašić Žerjavić
3. Iva Žagar, dr. med.
4. prof. dr. sc. Zrinka Jajić

V./II EXTERNAL ASSOCIATES:

1. dr. sc. Frane Grubišić
2. dr. sc. Vedrana Mužić Radović

V./III UNTENURED LECTURERS:

1. prof. dr. sc. Simeon Grazio

VI. LITERATURE

Selected chapters from:

Tan JC. Practical manual of physical medicine and rehabilitation. Diagnostics, therapeutics and basic problems. Philadelphia, Mosby 1998. or

O'Young BJ, Young SA, Stiens SA. Physical medicine and rehabilitation secrets. Philadelphia, Hanley & Belfus 2002. or

Braddom RL. Physical Medicine and Rehabilitation. 3rd edition. W.B.Saunders Company Philadelphia, 2007.