

UNIVERSITY OF ZAGREB SCHOOL OF MEDICINE

Plan of the course

Fundamentals of Medical Skills 1

Academic year **2016/2017**

izv. prof. dr. sc. Vesna Degoricija

I. COURSE AIMS

Clinical and practical skills

Early student-medical environment (hospital/outpatient clinic) contact through meetings with moderator (physician) of the group on the medical wards and clinical skills labs. The course runs through all six years of the school. At the end of the each year there is OSCE stations exam.

Learning outcomes

By the end of the course students will be able to apply the knowledge and skills required to provide immediate aid, to recognize clinical emergency problems and their severity by focused history taking, developing differential diagnosis, and establishing treatment plans. They will develop competency in both procedural and resuscitative skills.

Communication Skills

- To give the students the overview of communication skills in medicine
- To familiarize the students with the basics of the communication process
- To give the students the necessary knowledge about principles of communication skills in healthcare settings
- To prepare the students to incorporate new course information into their practice

II. COURSE STRUCTURE

Course hours:

Lectures: 5

Seminar: 3

Clinical practicals: 22

Total hours: 30

Clinical and practical skills

Lectures (L): 1 at each year

Seminars (S): 0

Practicals (P): 7 at each year, 90 minutes

Title	Room	Content description	Time
Beginning of the life – Birth 01.02.2017.	Clinical skills lab	Movie presenting birth, 15 minutes, followed by the discussion on the topics: life, breathing, heart, circulation, skin, senses, digestion, kidneys.	INTRODUCTION 13,15-14 14-16
Self-protection in the medical environment 01.03.2017.	Clinical skills lab	Moderator demonstrates, students practice hand washing, disinfection, medical gloves, facial masks, eye protection. What does it mean clean, and what is sterile?	14-16

Meet my patient 29.03.2017.	Clinical ward	Moderator talks with his patient in front of the students. He runs patient history, physical examination, talks about differential diagnosis, explains to the patients tests that are needed and suggest several treatment modalities. Moderator and the patient decide together about the procedures and the future treatment.	14-16
Sudden loss of consciousness in the cable car 26.04.2017.	Clinical skills lab	Following short scenario presenting 55-year-old male suffering from sudden loss of consciousness in the cable car moderator presents basic life support algorithm with emphasis on early call for help. Students practice algorithm on the BLS model.	14-16
Sudden loss of consciousness on the football playground 10.05.2017.	Clinical skills lab	Following two short movie clips about football players with sudden loss of consciousness on the football playground moderator explains term sudden cardiac death and ventricular fibrillation. ECG demonstration of normal sinus rhythm and ventricular fibrillation with emphasis on checking the pulse. Student practice on each other measurements of body height, body weight, blood pressure, heart rate, respiratory rate and axillary temperature and calculate body mass index.	14-16
Drawing blood 17.05.2017.	Clinical skills lab	Moderator presents on clinical skills model the technique of drawing blood. Students practice on the model.	14-16
End of the life – Death caused by bleeding 24.05.2017.	Clinical skills lab	Movie presenting non-survivor of the car accident who bleeds to deaths in the ER. Discussion on mechanisms of the end of life, students discuss their attitude towards CPR and their reflections about reactions of the medical team seen on the movie.	14-16
Exam 31.05.2017.	Clinical skills lab	3xOSCE stations: Hand washing, Blood pressure measuring, Basic life support (BLS)	45 minutes

Communication Skills (Veljko Đorđević, Marijana Braš)

Lectures (L):

- L2 - Doctor - Patient relationship (1)
- L3 – Person Centered Medicine (1)
- L4 - Multidisciplinary Team (1)

Seminars (S):

- S1 - Scientific Research and Communication in Medicine (1)
- S2 - New Technologies in Communication in Medicine (1)
- S3 - Communication with Media/Public (1)

Practicals (P):

- P1 - Self - presentation (2)
- P2 - Verbal and non verbal communication (2)
- P3 - Patient-oriented interview (2)
- P4 - Physician-oriented interview (2)

Total: 15

III. PLAN OF THE COURSE AND COURSE SCHEDULE

BLOCKS OF THE COURSE

Number of blocks: 2

Block number	Start	End
1.	1.10.2016	1.5.2017
2.	1.2.2017	31.5.2017

BLOCKS OF THE COURSE

Number of blocks: 2

Block number	Start	End
1.	1.10.2016	1.5.2017
2.	1.2.2017	31.5.2017

BLOCKS OF THE COURSE SHEME

Block 1

Date	Time	Group	Course hours type	Theme	Teaching staff
------	------	-------	-------------------	-------	----------------

Date	Time	Group	Course hours type	Theme	Teaching staff
Wednesday 19.4.2017.	12:00-12:45; KBC, Klinike za psihološku medicinu, knjižnica		Lectures	Overview on Communication in medicine	izv. prof. dr. sc. Veljko Đorđević
	12:45-13:30; KBC, Klinike za psihološku medicinu, knjižnica		Seminar	Scientific research and communication in medicine	Raphael Bene
	13:45-15:15; KBC, Klinike za psihološku medicinu, knjižnica		Clinical practicals	Self Presentation	Božidar Nikša Tarabić, doc. dr. sc. Marijana Braš, izv. prof. dr. sc. Veljko Đorđević
Thursday 20.4.2017.	12:00-12:45; KBC, Klinike za psihološku medicinu, knjižnica		Lectures	Doctor-patient relationship	doc. dr. sc. Marijana Braš
	12:45-13:30; KBC, Klinike za psihološku medicinu, knjižnica		Seminar	New Technologies in Communication in Medicine	Raphael Bene
	13:45-15:15; KBC, Klinike za psihološku medicinu, knjižnica		Clinical practicals	Verbal and Non-Verbal Communication	Božidar Nikša Tarabić, izv. prof. dr. sc. Veljko Đorđević, doc. dr. sc. Marijana Braš
Wednesday 3.5.2017.	12:00-12:45; KBC, Klinike za psihološku medicinu, knjižnica		Lectures	Person centered medicine	doc. dr. sc. Marijana Braš
	12:45-13:30; KBC, Klinike za psihološku medicinu, knjižnica		Seminar	Communication with Media/Public	izv. prof. dr. sc. Veljko Đorđević
	13:45-15:15; KBC, Klinike za psihološku medicinu, knjižnica		Clinical practicals	Patient oriented interview	doc. dr. sc. Marijana Braš, dr. sc. Lovorka Brajković, izv. prof. dr. sc. Veljko Đorđević
Thursday 4.5.2017.	12:00-12:45; KBC, Klinike za psihološku medicinu, knjižnica		Lectures	Multidisciplinary team	doc. dr. sc. Marijana Braš
	13:00-14:30; KBC, Klinike za psihološku medicinu, knjižnica		Clinical practicals	Physician oriented interview	dr. sc. Lovorka Brajković, izv. prof. dr. sc. Veljko Đorđević, doc. dr. sc. Marijana Braš

Block 2

Date	Time	Group	Course hours type	Theme	Teaching staff
Wednesday 1.2.2017.	13:15-14:00; KBSM, Laboratorij kliničkih vještina		Lectures	Introduction	izv. prof. dr. sc. Vesna Degoricija

Date	Time	Group	Course hours type	Theme	Teaching staff
	16:15-17:45; KBSM, Laboratorij kliničkih vještina		Clinical practicals	Beginning of the life - Birth	izv. prof. dr. sc. Vesna Degoricija, dr. sc. Velimir Altabas, Ines Potočnjak, dr. med., Sanja Stojsavljević, dr. sc. Marija Gomerčić Palčić, dr. sc. Neven Baršić
Wednesday 1.3.2017.	08:00-09:30; KBSM, Laboratorij kliničkih vještina		Clinical practicals	Self-protection in the medical environment	izv. prof. dr. sc. Vesna Degoricija, dr. sc. Velimir Altabas, Ines Potočnjak, dr. med., Sanja Stojsavljević, dr. sc. Marija Gomerčić Palčić, dr. sc. Neven Baršić
Wednesday 29.3.2017.	08:00-09:30; KBSM, Laboratorij kliničkih vještina		Clinical practicals	Meet my patient	izv. prof. dr. sc. Vesna Degoricija, dr. sc. Velimir Altabas, Ines Potočnjak, dr. med., Sanja Stojsavljević, dr. sc. Marija Gomerčić Palčić, dr. sc. Neven Baršić
Wednesday 26.4.2017.	14:00-15:30; KBSM, Laboratorij kliničkih vještina		Clinical practicals	Sudden loss of consciousness in the tram car	izv. prof. dr. sc. Vesna Degoricija, dr. sc. Velimir Altabas, Ines Potočnjak, dr. med., Sanja Stojsavljević, dr. sc. Marija Gomerčić Palčić, dr. sc. Neven Baršić
Wednesday 10.5.2017.	14:00-15:30; KBSM, Laboratorij kliničkih vještina		Clinical practicals	Sudden loss of consciousness on the football playground	izv. prof. dr. sc. Vesna Degoricija, dr. sc. Velimir Altabas, Ines Potočnjak, dr. med., Sanja Stojsavljević, dr. sc. Marija Gomerčić Palčić, dr. sc. Neven Baršić
Wednesday 17.5.2017.	14:00-15:30; KBSM, Laboratorij kliničkih vještina		Clinical practicals	Drawing blood	izv. prof. dr. sc. Vesna Degoricija, dr. sc. Velimir Altabas, Ines Potočnjak, dr. med., Sanja Stojsavljević, dr. sc. Marija Gomerčić Palčić, dr. sc. Neven Baršić
Wednesday 24.5.2017.	14:00-15:30; KBSM, Laboratorij kliničkih vještina		Clinical practicals	End of the life - Death caused by bleeding	izv. prof. dr. sc. Vesna Degoricija, dr. sc. Velimir Altabas, Ines Potočnjak, dr. med., Sanja Stojsavljević, dr. sc. Marija Gomerčić Palčić, dr. sc. Neven Baršić

Clinical and practical skills

Department of Medicine, Sestre milosrdnice University Hospital Center, Vinogradska 29, Zagreb

Communication Skills

Center for Palliative Medicine, Medical Ethics and Communication Skills, School of Medicine, Salata 4, Zagreb

Lectures will take place in hall: **Center for Palliative medicine, Medical Ethics and Communication Skills (CEPAMET), University of Zagreb School of Medicine,**

Salata 4 - Main Hall

Seminars will take place in hall: **Center for Palliative medicine, Medical Ethics and Communication Skills (CEPAMET), University of Zagreb School of Medicine,**

Salata 4 - Main Hall

Practical will take place: **Comskill lab, CEPAMET, University of Zagreb School of Medicine,**

Salata 4

IV. EXAMINATIONS

Clinical and practical skills

Examination

Exam includes 3 OSCE stations.

Regular terms 31.5.2017.

Communication Skills

Final exams:

- Short written quiz
- Essay
- Practical exam

Passing the final test:

- 60% of total results in short quiz
- Positively evaluated essay (grades: sufficient to excellent)
- Positively evaluated practical exam (grades: sufficient to excellent)

Grades for written short quiz:

- < 60% - failed
- 60% - 70% - sufficient
- 70% - 80% - good
- 80% - 90% - very good
- >90% -excellent

Overall grades: average score of all three tests

V./I. LIST OF LECTURERS AND TEACHING STAFF

1. izv. prof. dr. sc. Veljko Đorđević
2. doc. dr. sc. Marijana Braš
3. izv. prof. dr. sc. Vesna Degoricija
4. dr. sc. Neven Baršić
5. dr. sc. Marija Gomerčić Palčić
6. dr. sc. Velimir Altabas

V./II EXTERNAL ASSOCIATES:

1. dr. sc. Lovorka Brajković
2. Raphael Bene
3. Sanja Stojsavljević
4. Ines Potočnjak, dr. med.
5. Božidar Nikša Tarabić

V./III UNTENURED LECTURERS:

VI. LITERATURE

Clinical and practical skills

Handouts

Communication Skills

1. Obligatory

01. Dr. Jonathan Silverman, Suzanne M. Kurtz, Juliet Draper. Skills for communicating with patients. Radcliffe Pub., 2005
02. Bras M, Djordjevic V, Milicic D, Janjanin M. Doctor-Patient Relationship. In: V.Djordjevic, M.Bras, D. Milicic (Eds). Person in Medicine and Healthcare: From Bench to Bedside to Community. Zagreb: Medicinska Naklada, 2011: 7 – 15

NOTE:

Evaluation of all lecturers as well as the overall course is planned.

This is the part of the course Fundamentals of Medical Skills related to the communication skills in medicine.