

UNIVERSITY OF ZAGREB SCHOOL OF MEDICINE

Plan of the course

Fundamentals of Medical Skills 4

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.

Communication Skills

To give the students the overview of most common challenging situation in the communication with patients and their families;

Specific:

- To give the students the necessary knowledge about most common protocols (such as SPIKES) for breaking bad news in medical practice;
- To familiarize students with the process of communication on risks and prognosis;
- To teach students about the informed consent in medical practice;
- To familiarize students with the concept of shared decision making in medical practice;
- To familiarize students with the different problems and circumstances in the organization of family meeting in the hospital setting;
- To prepare students to incorporate new course information into their practice

II. COURSE STRUCTURE

Course hours:

Lectures: 4

Seminar: 6

Clinical practicals: 20

Total hours: 30

Clinical and practical skills

Lectures (L): 1 at each year

Seminars (S): 7 at each year, 90 minutes

Practicals (P): 0

Total: 15 teaching hours at each year

Title	Room	Content description	Hours

Injections and infusions 30.05.2017.	Clinical skills lab	Subcutaneous, intramuscular, intravenous injections, intravenous lines on manikins.	INTRODUCTION 14,45-15,30 15,30-17,00
Meet my patient 01.06.2017.	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.	15,30-17,00
Drowning victim on Jarun lake I 06.06.2017.	Clinical skills lab	Scenario includes: BLS, ALS, defibrillation, securing airway and establishing iv line.	15,30-17,00
Drowning victim on Jarun lake II 08.06.2017.	Clinical skills lab	Students practice BLS, ALS, defibrillation, securing airway and establishing iv line.	15,30-17,00
Rhythm is important! 13.06.2017.	Clinical skills lab	Monitoring of the heart rhythm	15,30-17,00
Meet my patient 15.06.2017.	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.	15,30-17,00
Panic on Kupa trip 20.06.2017.	Clinical skills lab	Scenario of the anaphylactic shock following hornet bite. Anaphylactic shock treatment algorithm.	15,30-17,00
Exam 27.06.2017.	Clinical skills lab	ALS, defibrillation, securing airway and establishing iv line	45 minutes

Communication Skills (Veljko Đorđević, Marijana Braš)

- **Lectures (L):**

L1 – Challenges in the communication with patients (1)

L2 – Challenges in the communication with family members? (1)

L3 – How to break bad news? (1)

Seminars (S):

- S1 – How to communicate about risks and prognosis? (2)
- S2 – How to organize family meeting in the hospital setting? (2)
- S3 – Informed consent in psychiatry - (2)

Practicals (P):

- P1 – Medical interview with the patients with cancer (2)
- P2 – SPIKES protocol (2)
- P3 – Medical interview with the patients with PTSD (1)
- P4 – Medical interview with the patients with chronic heart failure (1)

III. PLAN OF THE COURSE AND COURSE SCHEDULE**BLOCKS OF THE COURSE**

Number of blocks: 2

Block number	Start	End
1.	6.6.2017	8.6.2017
2.	30.5.2017	27.6.2017

BLOCKS OF THE COURSE SHEME

Block 1

Date	Time	Group	Course hours type	Theme	Teaching staff
Tuesday 6.6.2017.	15:00-15:45; KBC, Klinike za psihološku medicinu, knjižnica		Lectures	Challenges in the communication with patients	izv. prof. dr. sc. Veljko Đorđević
	15:45-17:15; KBC, Klinike za psihološku medicinu, knjižnica		Seminar	How to communicate about risks and prognosis?	izv. prof. dr. sc. Veljko Đorđević, doc. dr. sc. Marijana Braš
	17:15-18:00; KBC, Klinike za psihološku medicinu, knjižnica		Lectures	Challenges in the communication with family members	doc. dr. sc. Marijana Braš
	18:30-20:00; KBC, Klinike za psihološku medicinu, knjižnica		Seminar	How to organize family meeting in the hospital setting	doc. dr. sc. Marijana Braš, izv. prof. dr. sc. Veljko Đorđević
Wednesday 7.6.2017.	15:00-16:30; KBC, Klinike za psihološku medicinu, knjižnica		Clinical practicals	Medical interview with the patients with cancer	doc. dr. sc. Marijana Braš, izv. prof. dr. sc. Veljko Đorđević, dr. sc. Lovorka Brajković
	16:30-17:15; KBC, Klinike za psihološku medicinu, knjižnica		Lectures	How to break bad news	izv. prof. dr. sc. Veljko Đorđević
	17:15-18:45; KBC, Klinike za psihološku medicinu, knjižnica		Clinical practicals	SPIKES protocol	izv. prof. dr. sc. Veljko Đorđević, doc. dr. sc. Marijana Braš, Božidar Nikša Tarabić
Thursday 8.6.2017.	15:00-16:30; KBC, Klinike za psihološku medicinu, knjižnica		Seminar	Informed consent in psychiatry	izv. prof. dr. sc. Veljko Đorđević, doc. dr. sc. Marijana Braš, Raphael Bene
	16:30-17:15; KBC, Klinike za psihološku medicinu, knjižnica		Clinical practicals	Medical interview with the patients with PTSD	izv. prof. dr. sc. Veljko Đorđević, doc. dr. sc. Marijana Braš, Raphael Bene
	17:15-18:00; KBC, Klinike za psihološku medicinu, knjižnica		Clinical practicals	Medical interview with the patients with chronic heart failure	izv. prof. dr. sc. Veljko Đorđević, doc. dr. sc. Marijana Braš, Raphael Bene, Božidar Nikša Tarabić

Block 2

Date	Time	Group	Course hours type	Theme	Teaching staff
Tuesday 30.5.2017.	14:45-15:30; KBSM, Laboratorij kliničkih vještina		Lectures	Introduction	izv. prof. dr. sc. Vesna Degoricija
	15:30-17:00; KBSM, Laboratorij kliničkih vještina		Clinical practicals	Injections and infusions	izv. prof. dr. sc. Vesna Degoricija, Marin Pavlov, dr. med., Vedran Tomašić, dr. med.

Date	Time	Group	Course hours type	Theme	Teaching staff
Thursday 1.6.2017.	15:30-17:00; KBSM, Laboratorij kliničkih vještina		Clinical practicals	Meet my patient	izv. prof. dr. sc. Vesna Degoricija, Marin Pavlov, dr. med., Vedran Tomašić, dr. med.
Tuesday 6.6.2017.	15:30-17:00; KBSM, Laboratorij kliničkih vještina		Clinical practicals	Drowning victim on Jarun lake I	izv. prof. dr. sc. Vesna Degoricija, Marin Pavlov, dr. med., Vedran Tomašić, dr. med.
Thursday 8.6.2017.	15:30-17:00; KBSM, Laboratorij kliničkih vještina		Clinical practicals	Drowning victim on Jarun lake II	izv. prof. dr. sc. Vesna Degoricija, Marin Pavlov, dr. med., Vedran Tomašić, dr. med.
Tuesday 13.6.2017.	15:30-17:00; KBSM, Laboratorij kliničkih vještina		Clinical practicals	Rhythm is important!	izv. prof. dr. sc. Vesna Degoricija, Marin Pavlov, dr. med., Vedran Tomašić, dr. med.
Thursday 15.6.2017.	15:30-17:00; KBSM, Laboratorij kliničkih vještina		Clinical practicals	Meet my patient	izv. prof. dr. sc. Vesna Degoricija, Marin Pavlov, dr. med., Vedran Tomašić, dr. med.
Tuesday 20.6.2017.	15:30-17:00; KBSM, Laboratorij kliničkih vještina		Clinical practicals	Panic on Kupa trip	izv. prof. dr. sc. Vesna Degoricija, Marin Pavlov, dr. med., Vedran Tomašić, dr. med.

Clinical and practical skills

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

Communication Skills

Course schedule

	Time	Topic		Lecturer

Monday 23.11.2015.	12:00-12:45	Challenges in the communication with patients	L1	Prof. Veljko Djordjevic,
	13:00-14:30	How to communicate about risks and prognosis?	S1	Assoc.Prof. Marijana Braš
	14:30-15:15	Challenges in the communication with family members	L2	Assoc. Prof. Marijana Braš
	15:30-17:00	How to organize family meeting in the hospital setting		Prof. Veljko Djordjevic,
	17:15-18:45	Medical interview with the patients with cancer	S2	Assoc.Prof. Marijana Braš, Prof. Veljko Djordjevic, Lovorka Brajković, PhD
Tuesday 24.11.2015.	12:00-12:45	How to break bad news	L3	Prof. Veljko Đorđević,
	13:00-14:30	SPIKES protocol	P2	prof. Veljko Djordjevic, Assoc.prof.Marijana Bras
	14:45-16:15	Informed consent in psychiatry	S3	Prof. Veljko Đorđević, Raphael Bene, MD
	16:15-17:00	Medical interview with the patients with PTSD	P3	Assoc. Prof. Marijana Braš
	17:15-18:00	Medical interview with the patients with chronic heart failure	P4	Prof. Veljko Đorđević, assoc.prof. Marijana Braš

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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. Students will be divided in three groups and taking practical skills with simulated patient.

IV. EXAMINATIONS

Clinical and practical skills

OSCE stations 27.06.2017.

Regular terms	Date
Winter	
Summer	27.06.2017.
Autumn	

Additional terms

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. Vesna Degoricija
2. izv. prof. dr. sc. Veljko Đorđević
3. doc. dr. sc. Marijana Braš

V./II EXTERNAL ASSOCIATES:

1. Vedran Tomašić, dr. med.
2. Marin Pavlov, dr. med.
3. Raphael Bene
4. dr. sc. Lovorka Brajković
5. Božidar Nikša Tarabić

V./III UNTENURED LECTURERS:

VI. LITERATURE

Clinical and practical skills

Handouts

Communication Skills

01. Djordjevic V, Bras M, Brajkovic L. Person Centered Medical Interview. Croatian Medical Journal. 2012; 53(4):310-3.
02. Milicic D. Personalized Cardiology. In: V.Djordjevic, M.Bras, D. Milicic (Eds). Person in Medicine and Helathcare: From Bench to Bedside to Community. Zagreb: Medicinska Naklada, 2012: 137-144;
03. Metelko Ž. Person-Oriented Approach in Diabetology. In: V.Djordjevic, M.Bras, D. Milicic (Eds). Person in Medicine and Helathcare: From Bench to Bedside to Community. Zagreb: Medicinska Naklada, 2012:157-160;