

COURSE INFORMATION					
Course Title	Code	Semester	Lecture+Practice+Application	Credits	ECTS
Introduction to Clinical Practice III	MED 202	2 / 3-4	5+18+12	5	5
Prerequisites	The students should have successfully completed ICP I.				
Language of Instruction	English				
Course Level	Second-cycle higher education (i.e. QF-EHEA-2, EQF-LLL-7, TYYÇ-7) with Master's Degree/ "Regulated Professions" legislation by EU 2005/36/EC Directive				
Course Type	Compulsory				
Course Coordinator	Prof. Özlem Tanrıöver, MD.MPH /Assist. Prof. A.Arzu Akalın, MD.,MSc				
The instructors	Subject to change: Prof. Özlem Tanrıöver, MD., MPH; Assist. Prof. A.Arzu Akalın, MD.,MSc Assist. Prof. Özkan Eraslan Assist. Prof. Gökhan Gencer Assist. Prof. Pınar Tura Assist. Prof. Erman Uygun Assist. Prof. Alp Kayıran Assist. Prof. Abuzer Kekeç Assist. Prof. Özkan Eraslan Assist. Prof. Hande Candemir Assist. Prof. Cem Şimşek Assist. Prof. Mehmet Akif Öztürk Assoc. Prof. Tijen Alkan Bozkaya Assoc. Prof. Seha Akduman Assist. Prof. Mustafa Yüksel				
Assistants	-				
Goals	This course aims to equip the students with basic interventional skills (nasogastric tube and urinary catheter application; intramuscular, intradermal and subcutaneous injection, intravenous cannulation, Intraarterial Blood Sampling).				
Content	Intramuscular/ Intradermal/ Subcutan Injection IV Cannulation Nasogastric Tube Administration Intraarterial Blood Sampling Bladder Catheterization Early Clinical Experience				

Learning Outcomes <i>At the end of this term, the student should be able to:</i>	Program Learning Outcomes	Teaching Methods	Assessment Methods
KNOWLEDGE			
1. count nasogastric probe types, application indications, contraindications and the steps in application procedure.	1.1.4.,1.1.5., 1.1.6.,	1,2,4,5,6,7	A
2. count urinary catheter types, application indications, contraindications and the steps in application.	1.1.4.,1.1.5., 1.1.6.,	1,2,4,5,6,7	A
3. count application indications, contraindications and the steps in application procedure of intramuscular, intradermal and subcutaneous injections as well as intravenous cannulation.	1.1.4.,1.1.5., 1.1.6.,	1,2,4,5,6,7	D
4. count application indications, contraindications and the steps in application procedure of intravenous injections and intravenous cannulation.	1.1.4.,1.1.5., 1.1.6.,	1,2,4,5,6,7	A
5. count application indications, contraindications and the steps in application procedure of intraarterial blood sampling	1.1.4.,1.1.5., 1.1.6.,	1,2,4,5,6,7	A
SKILLS			
1. perform nasogastric probe application on an adult model in accordance with the skill procedure.	1.1.4.,1.1.5., 1.1.6.,	1,2,4,5,6,7	A,D
2. perform urinary catheter application in an adult woman and male model in accordance with the skill procedure.	1.1.4.,1.1.5., 1.1.6.,	1,2,4,5,6,7	D
3. perform intramuscular, intradermal and subcutaneous injection applications in an adult model in accordance with the skill procedure.	1.1.4.,1.1.5., 1.1.6.,	1,2,4,5,6,7	D
4. perform intravenous injection and intravenous cannulation applications in an adult model in accordance with the skill procedure.	1.1.4.,1.1.5., 1.1.6.,	1,2,4,5,6,7	D
5. perform intraarterial blood sampling in an adult model in accordance with the skill procedure.	1.1.4.,1.1.5., 1.1.6.,	1,2,4,5,6,7	D
6. describe the process to be carried out to the patient before any intervention	1.1.4.,1.1.5., 1.1.6.,	1,2,4,5,6,7	D
ATTITUDE			
1. value the importance of informed consent	1.1.4.,1.1.5., 1.1.6.,	1,2,4,5,6,7	D
2. pay attention to patient privacy	1.1.4.,1.1.5., 1.1.6.,	1,2,4,5,6,7	D

3. value the importance of not exceeding the limits of his/her own competency level.	1.1.4.,1.1.5., 1.1.6.,	1,2,4,5,6,7	D
4. pay attention to follow laboratory rules	1.1.4.,1.1.5., 1.1.6.,	1,2,4,5,6,7	D
5. pay attention to keep patient records regularly and properly	1.1.4.,1.1.5., 1.1.6.,	1,2,4,5,6,7	D
6. apply hand hygiene before and after each procedure	1.1.4.,1.1.5., 1.1.6.,	1,2,4,5,6,7	D
7. apply standard precaution before, during and after each procedure	1.1.4.,1.1.5., 1.1.6.,	1,2,4,5,6,7	D

Teaching Methods:	1: Lecture, 2: Question-Answer, 3: Discussion, 4:Standardized patient / Mannequin, 5: Video 6: Demonstration 7: Checklist
Assessment Methods:	A: Testing B: Presentation C: Homework D:OSCE

COURSE CONTENT	
Week Topics	Study Materials
Intramuscular/ Intradermal/ Subcutan Injection	Materials for the course provided by the the instructor
IV Cannulation	Materials for the course provided by the instructor
Nasogastric Tube Administration	Materials for the course provided by the instructor
Intraarterial Blood Sampling	Materials for the course provided by the instructor
Bladder Catheterization	Materials for the course provided by the instructor

RECOMMENDED SOURCES	
Textbook	1-Bates (Shared)
Additional Resources	Checklists, powerpoint presntations, videos

MATERIAL SHARING	
Documents	Photocopy shareable.
Assignments	Not Shareable

Exams	Not shareable
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ASSESSMENT		
Assessment Methods and Tools	Proportion (in Pass/Fail Decision)	Other Assessment Methods and Tools
OSCE (With Checklist)	(45% Midterm OSCE) + (45% Final OSCE)	
ECE(Homework report)	10%	
	Total 100%	Total
Pass/Fail Decision	Proportion (in Pass/Fail Decision)	Pass/Fail Decision
	Total %100	Total

COURSE CATEGORY	Compulsory
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COURSE'S CONTRIBUTION TO PROGRAM						
No	Program Learning Outcomes	Contribution				
		1	2	3	4	5
1.1.2	employs a patient-centered approach in patient management.					x
1.1.3	recognizes most frequently occurring or significant clinical complaints, symptoms, signs, findings and their emergence mechanisms in clinical conditions.		x			
1.1.6	interprets findings in medical history, physical and mental examination.				x	
1.1.7	employs diagnostic procedures that are used frequently at the primary health care level.		x			
1.1.9	makes clinical decisions using evidence-based systematic data in health care service.			x		
1.1.10.	performs medical interventional procedures that are used frequently at the primary health care level					
1.1.12	keeps medical records in health care provision and uses information systems to that aim.					x
1.2.1	throughout his/her career, communicates effectively with health care beneficiaries, co-workers, accompanying persons, visitors, patient's relatives, care givers, colleagues, other individuals, organizations and institutions.			x		
1.2.2	collaborates as a team member with related organizations and institutions, with other professionals and health care workers, on issues related to health.					x

1.2.3	recognizes the protection and privacy policy for health care beneficiaries, co-workers, accompanying persons and visitors.	x	
1.2.4	communicates with all stakeholders taking into consideration the socio-cultural diversity.	x	
2.1.1	performs medical practices in accordance with the legal framework which regulates the primary health care service.	x	
2.2.1	recognizes basic ethical principles completely, and distinguishes ethical and legal problems.	x	
2.2.2	pays importance to the rights of patient, patient's relatives and physicians, and provides services in this context.	x	
2.5.2	displays a patient-centered and holistic (biopsychosocial) approach to patients and their problems.	x	

ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION			
Activities	Quantity/ day	Duration (Hour)	Total Workload (Hour)
Course Duration (Full Term)	10	4	40
Hours for off-the-classroom study (Pre-study, practice, review/week)	40	2	80
Homework	1	4	4
Exam	2	4	8
Total Work Load			132
Total Work Load / 30 (h)			4.5
ECTS Credit of the Course			5