

Course Title	Integrated Clinical Practice IV							
Course Code	MED-310							
Course Type	Required							
Level	Undergraduate							
Year / Semester	Year 3/ Semester 6 (Spring)							
Teacher's Name	<p>Course Lead: Dr Evie Vassiliou</p> <p>Contributors: Dr George Athanasiou Dr Panayiota Andreou</p>							
ECTS	6	Lectures / week	/	1	Laboratories / week	3	Clinical Practice	2
Course Purpose and Objectives	<p>This is the fourth Integrated Clinical Placement course that students will undertake. The aim is for students build on the clinical and communication skills learnt in MED-205, MED-210 and MED-305.</p> <p>They will practise further clinical and communication skills related to the courses running concurrently, initially on each other and subsequently on selected patients in the community.</p> <p>Communication Skills: Students, in small groups, will learn the basic principles of patient doctor communication, and will learn how to gather information from a patient and how to give information to a patient. Simulated patients are used during the sessions.</p> <p>Clinical Skills: Students, in small groups, will practise some of the basic aspects of clinical skills in medicine using mannequins and simulated patients (*SPs). All clinical examinations will be peer examinations simulated patients' examinations i.e. the students will be examining each other.</p> <p>Clinical Placements: Students will attend one clinical placement on Back Pain.</p> <p>Workshops: Students will attend one workshop on Osteoarthritis.</p> <p>In addition to the above, additional lectures will be scheduled to enhance the learning experience and to re-visit some topics covered in years 1 and 2 (spiral learning). These sessions will be in the area of medical psychology.</p>							
Learning Outcomes	<p>The following list provides the learning objectives that will be covered in sessions of each week:</p> <p>Week 1</p> <p>No sessions in week 1.</p>							

Week 2

Clinical skills:

1. Perform a competent hip examination on a colleague.
2. Perform a competent knee examination on a colleague.
3. Perform a competent ankle examination on a colleague.

Week 3

Clinical skills:

4. Perform a competent shoulder and elbow examination.

Week 4

Communication skills:

5. Continue revising the basic skills for structuring the consultation based on the CCG.
6. To be able to use the appropriate skills for taking a history of a patient with anxiety.
7. To be able to describe the aspects of appearance, behaviour and mood of the Mental State Examination in relation to anxiety.
8. Observe or practice the appropriate skills to gather history from a patient with anxiety.

Clinical skills:

9. Demonstrate the ability to examine a patient with a disorder of the musculoskeletal system affecting the wrist or hand.
10. Describe the clinical anatomy of the wrist and hand.
11. Recognize and name the carpal bones on a plain radiograph.
12. Demonstrate the ability to examine a patient with a disorder of the musculoskeletal system affecting the wrist or hand.

Week 5

Clinical skills:

13. Perform a competent examination of the lumbar spine on a colleague.
14. Demonstrate an awareness of the basic assessment of low back pain and the concept of diagnostic triage.

PTS clinical placement on Back Pain:

15. Explain the epidemiology, the definition and the subdivisions of lower back pain.
16. Describe the basic principles of primary and secondary prevention of lower back pain.

17. Describe the basic principles of lower back pain management.
18. Explain the social impact of lower back pain on the patient's life.
19. Take a focused history from a patient with lower back pain
20. Perform an examination of a patient with lower back pain.

Week 6

Integrated Communication & Clinical skills (Explanation of procedures)

21. Understand the steps needed to discuss informed consent with a patient potentially undergoing gastroscopy or colonoscopy.
22. Observe/practice and gain experience in explaining the procedure of gastroscopy or colonoscopy to a patient.
23. Practice communicating with a patient who is undergoing a sensitive and painful examination such as gastroscopy or colonoscopy.
24. Discuss the information that the procedure involves and the indications of the procedure (gastroscopy/colonoscopy).
25. Give instructions for the preparation needed prior to and after the procedure (gastroscopy/colonoscopy).

Week 7

No sessions in week 7.

Week 8

No sessions in week 8.

Week 9

Clinical skills:

26. Understand the steps needed to discuss informed consent with a patient potentially undergoing catheterisation.
27. Observe/practice and gain experience in explaining the procedure of catheterisation to a patient.
28. Practice communication with a patient who is undergoing a sensitive and painful examination such as catheterisation.
29. Revise the importance of the aseptic technique and the steps of urinary catheterisation.
30. Practice/observe male urethral catheterisation on a model.

Lecture:

'Elder Abuse'

(Psychology - Dr Stelios Georgiades)

31. Outline the different types of abuse in the elderly.
32. Describe the psychological impact of abuse in the elderly.

	<p>33. Describe available psychological treatment and interventions for the elderly.</p> <p>Week 10</p> <p>Workshop:</p> <p>'Osteoarthritis'</p> <p>34. Outline the different patterns of arthritis</p> <p>35. Discuss the clinical manifestation of osteoarthritis.</p> <p>36. Identify the social impact of osteoarthritis.</p> <p>37. Take a focused history from a patient with joint pain.</p> <p>38. Perform a focused examination on a patient with arthritis.</p> <p>39. Discuss the management of a patient with osteoarthritis</p> <p>Week 11</p> <p>Clinical skills:</p> <p>40. Practice obtaining consent for intimate examination as a medical student.</p> <p>41. Integrate appropriate communication skills to address challenges that may arise during an intimate examination.</p> <p>42. Identify what relevant questions need to be gathered when taking a focused breast history.</p> <p>43. Perform/Observe a systematic breast examination</p> <p>44. Present the findings to the supervising doctor during the examination while the patient is present.</p> <p>Week 12</p> <p>Clinical Skills Review session.</p>		
Prerequisites	<p>MED-205 Integrated Clinical Practice I</p> <p>MED-210 Integrated Clinical Practice II</p> <p>MED-305 Integrated Clinical Practice III</p>	Required	None.
Course Content	<p><u>Topics covered in communication skills:</u></p> <ul style="list-style-type: none"> Anxiety SPs- 2 role plays <p><u>Topics covered in clinical skills:</u></p> <ul style="list-style-type: none"> Musculoskeletal 1 (hips/knees/ankles) Musculoskeletal 2 (shoulder and elbow) Musculoskeletal 3 (hands and wrist) Musculoskeletal 4 (spine) Male Catheterisation - SPs- 2 role plays Breast examination - SPs- 2 role plays 		

	<p><u>Topics covered in integrated communication and clinical skills:</u></p> <ul style="list-style-type: none"> • Explanation of procedures e.g. colonoscopy, gastroscopy SPs- 2 role plays <p><u>Topics covered in other lectures and tutorials:</u></p> <ul style="list-style-type: none"> • Elder Abuse <p><u>Workshop:</u></p> <ul style="list-style-type: none"> • Osteoarthritis <p><u>Clinical Placements: 1 Protected Time Session (PTS)</u></p> <ul style="list-style-type: none"> • Back Pain 																				
Teaching Methodology	<p>The course is delivered through small group teaching in both clinical and communication skills.</p> <p>Communication skills: small group teaching, group discussions, role playing with SPs.</p> <p>Clinical skills: small group teaching, demonstration of examination techniques, and examinations on peers/SPs, practising and performing the skills on mannequins.</p> <p>Clinical Placements: There will be 1 Protected Time Session (PTS) during this semester where students will get to see patients under supervision.</p> <p>Lectures, tutorials and workshops: In addition to the sessions shown above, lectures and workshops will be scheduled in the fields of medical psychology and osteoarthritis.</p>																				
Bibliography	<p>Required Textbooks/Reading:</p> <table border="1" data-bbox="448 1198 1485 1816"> <thead> <tr> <th>Authors</th> <th>Title</th> <th>Publisher</th> <th>Year</th> <th>ISBN</th> </tr> </thead> <tbody> <tr> <td>Silverman J, Kurtz S, Draper J.</td> <td>Skills for communicating with patients</td> <td>Radcliffe Medical Press 3rd Edition</td> <td>2013</td> <td>9781846193651 https://ebookcentral.proquest.com/lib/nicos/ia/detail.action?docID=4742673</td> </tr> <tr> <td>J. Alastair Innes (ed.)</td> <td>Macleod's clinical examination</td> <td>Elsevier 14th Edition</td> <td>2018</td> <td>9780702069932</td> </tr> <tr> <td>Khan, H et al.</td> <td>OSCEs for Medical Finals</td> <td>Wiley-Blackwell</td> <td>2013</td> <td>9780470659410</td> </tr> </tbody> </table>	Authors	Title	Publisher	Year	ISBN	Silverman J, Kurtz S, Draper J.	Skills for communicating with patients	Radcliffe Medical Press 3 rd Edition	2013	9781846193651 https://ebookcentral.proquest.com/lib/nicos/ia/detail.action?docID=4742673	J. Alastair Innes (ed.)	Macleod's clinical examination	Elsevier 14 th Edition	2018	9780702069932	Khan, H et al.	OSCEs for Medical Finals	Wiley-Blackwell	2013	9780470659410
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	Recommended Textbooks/Reading:				
	Authors	Title	Publisher	Year	ISBN
	Talley and O'Connor	Clinical examination: a systematic guide to physical diagnosis	Churchill Livingstone/ Elsevier 9 th Edition	2021	9780729544245
Assessment	Clinical placements attendance and professional behaviour (10%) End of Year OSCE (90%).				
Language	English				