

Course Code MED-210	Course Title Integrated Clinical Practice II	ECTS Credits 6
School Medical School	Semester Spring(Semester 4)	Prerequisites None
Type of Course Required	Field Medicine	Language of Instruction English
Level of Course Undergraduate	Year of Study 2nd	Course Lead Dr Evie Vassiliou
Mode of Delivery Face-to-face	Work Placement Clinical visits	Co-requisites None

Objectives of the Course:

In this second Integrated Clinical Practice course, students will build on the clinical and communication skills learnt in MED-205.

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.

Clinical Skills: Students, in small groups, will practise some of the basic aspects of clinical skills in medicine using mannequins. All clinical examinations will be peer examinations i.e. the students will be examining each other.

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.

Clinical Placements: Students will attend 2 clinical placements (2 patient protected sessions (stroke and back pain)).

In addition to the above additional lectures, tutorials and workshops will be scheduled to enhance the learning experience and to re-visit some topics covered in year 1 (spiral learning). These sessions will be in the areas of **professionalism, medical psychology, medical ethics and medical sociology**.

Learning Outcomes:

The following list provides the learning objectives that will be covered in sessions of each week:

Week 1

LOBs covered during communication skill sessions:

- (1) Practice sharing the information with the patient using the CCG.
- (2) Review empathy (RAV) and practice being sensitive to the patient using the CCG.
- (3) Discuss and practice planning and support to the patient using the CCG.

LOBs covered during clinical skill sessions:

- (4) Perform an examination of the male genitalia on a mannequin.
- (5) Revise the principles of an intimate examination.

Week 2

LOBs covered during communication skill sessions:

- (6) Outline the content of a sexual history.
- (7) Describe the different elements of asking sensitive questions.
- (8) Practice appropriate interviewing skills for gathering information regarding a sexual history.
- (9) Practice the steps needed to discuss informed consent with a patient undergoing an intimate examination.

LOBs covered during clinical skill sessions:

- (10) Demonstrate a systematic approach to the examination of the breast using a manikin, in order to identify any abnormalities.

Specific Workshop on Thyroid Disease (Dr George Athanasiou)

LOBs covered during specific workshop:

- (11) Differentiate between different thyroid diseases.
- (12) Describe the basic physiology of thyroid homeostasis and the basic pathophysiology of thyroid diseases.
- (13) Assess the thyroid status and take focused history of a patient with thyroid disease.
- (14) Perform a focused thyroid examination.
- (15) Suggest possible steps in managing a patient with thyroid disease.

Week 3

LOBs covered during communication skill sessions:

- (16) Revise the content of a sexual history.
- (17) Describe the different elements of breaking confidentiality.
- (18) Practice appropriate interviewing skills for breaking confidentiality.
- (19) Practice information giving skills.

LOBs covered during clinical skill sessions:

- (20) Perform a bimanual female genital examination on a manikin.
- (21) Perform a speculum examination using a bivalve speculum on a manikin.

Additional lecture:

Lobs for lecture: 'Cognition and Language Development' (Psychology -Dr Stelios Georgiades)

- (22) Describe the stages of Piaget's theory of Cognitive Development.
- (23) Explain the concept of attention within the wider framework of cognition.
- (24) Describe how we solve problems and the most common errors of thinking.
- (25) Describe the basis of language development.

Lobs for lecture: 'Pregnancy' (Dr Constantinos Stylianides)

- (26) Outline the importance of obstetric history taking.
- (27) Describe the techniques of obstetric history taking.
- (28) Describe the obstetric antenatal examination.

Week 4

No communication skills

LOBs covered during clinical skill sessions:

- (29) Perform a full neurological examination of upper and lower limbs on a colleague.

Week 5

LOBs covered during communication skill sessions:

- (30) Outline the relevant content of neurological histories.
- (31) Identify and practice appropriate skills to elicit an accurate history from a patient with a neurological problem using the CCG and SOCRATES.
- (32) Practice communicating empathy using appropriate verbal and non-verbal skills using the CCG.

LOBs covered during clinical skill sessions:

- (33) List the cranial nerves and their functions.
- (34) Carry out a competent examination of the cranial nerves on a colleague.

Additional lecture:

Lobs for lecture: 'Motor Skills Development' (Psychology -Dr Stelios Georgiades)

- (35) Describe the types of motor skills developed by children in different developmental stages.
- (36) Explain the impact of motor skills development in the overall cognitive development.

Week 6

LOBs covered during communication skill sessions:

- (37) Revise the skills for taking a neurological history.
- (38) Practice the different elements of breaking confidentiality with a patient with acute meningitis.
- (39) Practice information giving and shared decision making for neurological conditions.
- (40) Practice communicating empathy using appropriate verbal and non-verbal skills using the CCG.

No clinical skills

Additional lectures:

Lobs for lecture 'Social and Interpersonal Development' (Psychology -Dr Stelios Georgiades)

- (41) Outline the developmental theory of morality.
- (42) Explain from a developmental perspective socialisation and development of social skills.
- (43) Explain the role of social skills in social and interpersonal development.
- (44) Explain the impact of abnormal social skills in subsequent social behaviour.

Lobs for lecture 'Family and cultural factors, including socioeconomic status, ethnicity, and gender' (Medical Sociology - Dr Costas Constantinou)

(45) Apply sociological principles to explain a case of Multiple Sclerosis.

Lobs for lecture 'Influence of developmental stage on physician patient interview' (Psychology - Dr Stelios Georgiades)

(46) Outline the perception of illness by people in different developmental stages.

(47) Describe the impact of communication skills of physicians in eliciting information from children of different ages.

(48) Outline the impact of communication skills of physicians in eliciting information from people with (a) below average intelligence, (b) restricted communication skills and (c) mental illness.

Week 7

Lobs for lecture 'Consent & Confidentiality' (Dr Julia Hynes)

(49) Describe when to keep and when to breach confidentiality.

(50) Describe the ethical and legal significance of the concepts of consent and confidentiality in clinical practice.

LOBs covered during communication skill sessions:

(51) Understand what consent means and discuss the components of informed/valid consent

(52) Discuss the skills required for setting up the consultation and for information giving

(53) Explain the consent process the clinician must adhere to before a procedure

LOB covered during clinical skill sessions:

(54) Practice male urethral catheterisation on a manikin.

(55) Outline the principles of an aseptic technique.

(56) Identify indications and complications of male catheterization.

Workshop on Stroke (Dr George Athanasiou) and Clinical placement (PTS on Stroke)

Lobs covered during workshop and placement:

(57) Define and outline the classification of stroke.

(58) Describe the risk factors for stroke.

(59) Recognise the signs and symptoms of stroke.

(60) Explain the social impact of stroke on the patient.

(61) Describe the principles of primary and secondary prevention.

(62) Describe the management of a patient with stroke.

(63) Take history from a patient with stroke.

(64) Perform a focused neurological exam on a patient with stroke.

Week 8

LOBs covered during communication skill sessions: (this is a new session that was added last year)

(65) Develop an understanding of different professional's roles and responsibilities.

- (66) Become aware of the challenges associated with inter-professional communication and how they affect communication in the health care setting
- (67) Practice collaborating with health care professionals from other disciplines in order to design a plan of action for a patient with musculoskeletal problems.
- (68) Discuss skills necessary when dealing with conflict and emotional distress.

LOBs covered during clinical skill sessions:

- (69) Perform a competent hip examination on a colleague.
- (70) Perform a competent knee examination on a colleague.
- (71) Perform a competent ankle examination on a colleague.

Additional lecture:

Lobs for lecture 'Professional Boundaries (interactions with other health professionals, including impaired physician and patients)' (Professionalism - Dr Paola Nicolaidis)

- (72) Discuss what constitutes appropriate professional boundaries for doctors with respect to the treatment of patients as well as their relationship with other health professionals.

Week 9

LOBs covered during communication skill sessions:

- (73) Outline the relevant content of musculoskeletal histories.
- (74) Identify and practice appropriate skills using the CCG to elicit an accurate history from a patient with a musculoskeletal problem.
- (75) Practice communicating empathy and structuring the consultation.
- (76) Practice Information giving and shared decision making.

LOBs covered during clinical skill sessions:

- (77) Perform a competent shoulder and elbow examination.

Additional lecture:

Lobs for lecture 'The influence of illness on person, family and society' (Psychology -Dr Stelios Georgiades)

- (78) Discuss the impact of different types of illnesses to the individual sufferer, to his/her family and the society in general.

Week 10

LOBs covered during communication skill sessions:

- (79) Understand the Biopsychosocial model in chronic pain management.
- (80) Discuss the skills necessary when gathering information regarding patient's chronic pain using the CCG.
- (81) Practice information gathering skills with a patient with chronic pain as well as giving information about chronic pain management plan.

LOBs covered during clinical skill sessions:

- (82) Perform a competent examination of the lumbar spine on a colleague.
- (83) Demonstrate an awareness of the basic assessment of low back pain and the concept of diagnostic triage.

Workshop on Lower Back Pain (Dr George Athanasiou) and Clinical placement (PTS on Lower Back Pain)

Lobs covered during workshop and placement:

- (84) Explain the epidemiology, the definition and the subdivisions of lower back pain.
- (85) Describe the basic principles of primary and secondary prevention of lower back pain.
- (86) Describe the basic principles of lower back pain management.
- (87) Explain the social impact of lower back pain on the patient's life.
- (88) Take a focused history from a patient with lower back pain.
- (89) Perform an examination of a patient with lower back pain.

Week 11

No communication and clinical skills

Additional lecture:

Lobs for lecture 'Organization and cost of health care delivery'

(Medical Ethics - Dr Julia Hynes)

- (90) Outline the ethical issues associated with costing within healthcare.
- (91) Define utilitarianism.
- (92) Name one advantage and one disadvantage of using a utilitarian approach in dividing healthcare resources.

Week 12

LOBs covered during communication skill sessions:

- (93) Discuss Reason's (2011) widely used framework which outlines why medical errors happen in practice.
- (94) Outline the main errors that are identified in the literature which relate to communication skills (information gathering, relationship building, information sharing).
- (95) Discuss and practice skills in reducing error in communication with patients.
- (96) Identify areas of clinical communication that have been covered that need improvement.
- (97) Revise the skills that could help refine the areas that need improvement.

LOBs covered during clinical skill sessions:

- (98) Demonstrate the ability to examine a patient with a disorder of the musculoskeletal system affecting the wrist or hand.
- (99) Describe the clinical anatomy of the wrist and hand.
- (100) Recognize and name the carpal bones on a plain radiograph.
- (101) Identify areas that need improvement and further practise.
- (102) Revise in an OSCE format way, skills that will be identified by students as areas for improvement. (5 stations in total and there will be rotation by the students every 20 minutes).

Course Contents:

Topics covered in communication skills:

1. Information giving – shared decision making.
2. Practise consent and communication skills during intimate examinations – sexual history.
3. Professionalism and self-regulation skills – sexual history.
4. Pregnancy Lecture.
5. Information gathering – neurological history.
6. Information gathering – headache history.
7. Communication in the multidisciplinary team I (IPL nursing, physiotherapist, psychologist).
8. Information gathering – musculoskeletal history – SOCRATES.
9. Chronic pain.
10. Dealing with complaints.
11. Presenting to colleagues – INTEGRATED session with communication skills.
12. Review session.

Topics covered in clinical skills:

1. Male genitalia examination.
2. Breast examination.
3. Intimate female examination.
4. Neurological examination.
5. Cranial nerves examination.
6. Male Urethra Catheterisation.
7. Hips, knees and ankles examination.
8. Shoulders and elbows examination.
9. Spine examination.
10. Hands and wrist examination.
11. Presenting to colleagues – INTEGRATED session with communication skills.
12. Review session.

Topics covered in other lectures, tutorials and Workshops:

Workshops:

1. Specific Thyroid Disease Workshop (week 2)
2. Stroke (week 7).
3. Lower Back Pain (week 10).

Clinical Placements: 2 Protected Time Sessions (PTS):

1. Week 7 – Stroke.
2. Week 10 – Back Pain.

Lectures:

Psychology -Dr Stelios Georgiades

1. Cognition and Language Development.
2. Motor Skills Development.
3. Social and Interpersonal Development.
4. Influence of developmental stage on physician patient interview.

5. The influence of illness on person, family and society.

Professionalism - Dr Paola Nicolaidis

1. Professional Boundaries (interactions with other health professionals, including impaired physician and patients).

Medical Sociology- Dr Costas Constantinou

1. Family and cultural factors, including socioeconomic status, ethnicity, and gender.

Clinical lecture - Dr Constantinos Stylianides

1. Pregnancy.

Ethics – Dr Julia Hynes

1. Consent and Confidentiality.
2. Organization and cost of health care delivery.

Learning Activities and Teaching Methods:

Communication skills: small group teaching, group discussions, role playing.

Clinical skills: small group teaching, demonstration of examination techniques, and examinations on peers, practising and performing the skills on mannequins.

Clinical Placements: There are 2 clinical placements during this semester where students get to see patients under supervision. There are two protected time specific sessions (PTS).

Lectures, tutorials and workshops: In addition to the sessions shown above, lectures, tutorials and workshops are scheduled in the fields of **professionalism, medical psychology, medical ethics and medical sociology.**

Assessment Methods:

Clinical placement attendance and professional behaviour (10%).
 Final examination (20%).
 End of semester OSCE (70%).

Required Textbooks/Reading:

Authors	Title	Publisher	Year	ISBN
Silverman J, Kurtz S, Draper J.	Skills for Communicating with Patients. 3rd ed.	Radcliffe Medical Press	2013	
Khan, H et al.	<i>OSCE's For Medical Finals</i>	Blackwell, Oxford	2013	9780470659410
Douglas, Graham (ed.)	Macleod's clinical examination 13 th ed.	Elsevier Churchill Livingstone	2013	9780702047282

Recommended Textbooks/Reading:

Authors	Title	Publisher	Year	ISBN
Lloyd, Margaret	Communication skills for medicine	Churchill Livingstone/Elsevier	2009	9780702030581
Talley and O'Connor	A systematic guide to physical diagnosis Clinical Examination	Churchill Livingstone/Elsevier	2010	9780729539050