

Department of Medical Imaging Sciences
Faculty of Health Sciences
American University of Beirut

DGRG 230
Clinical Practicum II
Fall Term 2019 - 2020

Course Educator:

Name: Miss Saly Abbas

Office: American University of Beirut Medical Center – SB23

Email: sa196@aub.edu.lb

Office hours: by appointments

Class time and location:

Location: AUBMC basement floor - Diagnostic Radiology Department

Section 1: Monday 8:00 am – 12:00 pm
Wednesday 8:00 am – 12:00 pm
And Friday 8:00 am – 4:00 pm

Section 2: Monday 10:30 am – 12:00 pm
Tuesday 8:00 am – 2:30 pm
Wednesday 10:00 am – 12:00 pm
And Thursday 8:00 am – 2:00 pm

Course description

Clinical training in:

- General Radiography
- Mobile Radiography
- Emergency Radiography
- Breast Imaging
- General Fluoroscopy
- Operating Theatre
- Nuclear Medicine
- Computed Tomography
- Magnetic Resonance Imaging
- Ultrasound

Note:

The above clinical rotations will take place in the Diagnostic Radiology Department.

Course learning objectives:

By the end of the course, students will be able to:

1. Know clinical patient care and skills before, during, and after the procedure
2. Understand medical terminologies and abbreviations on patient request
3. Interpret the clinical history to the requested examination
4. Comprehend how to apply proper radiation protection
5. Know how to manipulate and identify the function of the radiographic equipment

6. Identify the correct radiographic technique i.e. positioning and projections in order to produce images of diagnostic quality (when applicable)
7. Assure if the purpose of the procedure has been achieved properly

Required readings

- All posted materials in the Clinical Practicum course – DGRG 230 on Moodle
- MIMG 206 “Principle Imaging I” course notes

Course requirements and student evaluations:

Students will be evaluated on the following:

	Assessment	Percent	Linked objectives
A.	Senior radiographer assessments in in General , Mobile, and Emergency Radiography	15 %	Course learning objectives: 1,2,3,4,5,6,and 7
B.	Senior radiographer assessment in General Fluoroscopy	5 %	
C.	Senior radiographer assessment in Breast Imaging	5 %	
D.	Senior radiographer assessment in Nuclear Medicine	5 %	
E.	Educator I including: General, Mobile, and Emergency Radiography Assessment(s)	30 %	
F.	Assignment: Operating Theatre	5 %	
G.	Case Presentations	10 %	
H.	Image perception and analysis sessions and quizzes	25 %	

AUB/FHS policies

✓ Attendance

- The clinical hours are assigned by the Educator I
- The student shall not depart from the assigned clinical rotation without the approval of the Educator I
- To pass the course, students are requested to complete the total hours of the clinical practice required by the course
- Upon reporting to the clinical practice , the student should document his / her attendance with the Educator I
- The student is expected to attend all the sessions. If he/she misses a clinical session, it is his/her responsibility to make up for the missed hours with the Educator I

- *Missing clinical hours for excused reasons e.g. sickness, shall be accompanied by evidence e.g. physicians report*
- *Every unexcused absence from the clinical practice will lead to a 5% deduction on the average of the course*
- *The Educator I shall drop the student from the course after three unexcused absences from clinical training*
- *The student shall report to the clinical setting ten minutes prior to the scheduled time*
- *If a student will be late or has an excuse for not attending the clinical practice, he / she shall email the Educator I at the beginning of the scheduled shift*
- *A student who misses more than 30 minutes of their scheduled clinical training will be counted absent for the entire clinical day (unexcused absence)*
- *Any accident or incident involving a patient in the radiographic room / division must be reported immediately to the Educator I*
- *Any incident or issue involving clinical staff at the radiology department must be immediately reported to your Educator I*
- *Students shall seek help for any issue pertaining to radiographers in the radiology from your Educator I in that particular course*

Uniforms:

- *Professional and ethical conduct shall be applied according to AUMBC dress code policy*
 - *The students shall report to the Diagnostic Radiology Department only in MIS uniforms*
 - *Students who wear head veils only white / off white are accepted*
 - *For colder weather, a white long sleeve shirt worn under the uniform scrub top is permitted. Undershirt may not be visible by hanging lower than the scrub top*
- ✓ **Academic Integrity**
- *Any act of cheating or plagiarism is a violation of academic integrity and will not be tolerated. Kindly refer to student handbook or refer to AUB Policies and Procedures on academic integrity*
<http://pmp.au.edu.lb/university/handbook/158010044.html>
 - *The AUB student code of conduct is available on the following web page*
<https://www.aub.edu.lb/sao/Documents/Student%20Handbook%202016-2017.pdf>]

✓ **Students with Disabilities:**

'AUB strives to make learning experiences accessible for all. If you anticipate or experience academic barriers due to a disability (such as ADHD, learning difficulties, mental health conditions, chronic or temporary medical conditions), please do not hesitate to inform the Accessible Education Office. In order to ensure that you receive the support you need and to facilitate a smooth accommodations process, you must register with the Accessible Education Office (AEO) as soon as possible: accessibility@aub.edu.lb; +961-1-350000, x3246; West Hall, 314.'

✓ *Non-Discrimination – Title IX – AUB*

*AUB is committed to facilitating a campus free of all forms of discrimination including sex/gender-based harassment prohibited by Title IX. The University's non-discrimination policy applies to, and protects, all students, faculty, and staff. If you think you have experienced discrimination or harassment, including sexual misconduct, we encourage you to tell someone promptly. If you speak to a faculty or staff member about an issue such as harassment, sexual violence, or discrimination, the information will be kept as private as possible, however, faculty and designated staff are required to bring it to the attention of the University's Title IX Coordinator. Faculty can refer you to fully confidential resources, and you can find information and contacts at www.aub.edu.lb/titleix. **To report an incident**, contact the University's Title IX Coordinator Ms. Mitra Taouk at 01-350000 ext. 2514, or titleix@aub.edu.lb. An anonymous report may be submitted online via Ethics Point at www.aub.ethicspoint.com.*

Detailed course outline

Week's numbers	Date	Class	Holidays	Assessment / Quizzes
1	August 29-30/ 2019			
2	September 02- 06/2019	a) Monday September 02: Chest Image perception and analysis b) Wednesday September 04: Hand and Wrist Image perception and analysis	Sunday September 01/2019 Hijra New Year	
3	September 09- 13/2019	a) Monday September 09: Pelvis Image perception and analysis b) Wednesday September 11: Foot and ankle Image perception and analysis	Tuesday September 10/2019: Ashoura	Wednesday September 11: Student Image perception and analysis session chest and hand- wrist
4	September 16- 20/2019	a) Monday September 16: Lumbar spine Image perception and analysis b) Wednesday September 18: Abdomen Image perception and analysis		Wednesday September 18: Student Image perception and analysis session pelvis and foot- ankle
5	September 23- 27/2019	a) Monday September 23:		Wednesday September 25: Student Image perception and analysis

		Knee - Leg Image perception and analysis b) Wednesday September 25: Elbow - Forearm Image perception and analysis		session Lumbar spine and Abdomen
6	September 30-October 04/2019	Monday September 30: Shoulder-Humerus Image perception and analysis		Wednesday October 02: a) Student Image perception and analysis session Knee – Leg and Elbow – Forearm b) Case presentations
7	October 07-11/2019	a) Monday October 07: Cervical – Dorsal spine Image perception and analysis b) Wednesday October 09: Skull – Sinuses Image perception and analysis		Wednesday October 09: a) Student Image perception and analysis session Shoulder-Humerus b) Case presentations
8	October 14-18/2019			a) Monday October 14: Case presentations b) Wednesday October 16: Student Image perception and analysis session Cervical – Dorsal spine and Skull-Sinuses
9	October 21-25/2019			Monday October 21 and Wednesday October 23: Case presentations

10	October 28- November 01/2019			Monday October 28 and Wednesday October 30: Case presentations
11	November 04- 08/2019		Sunday November 10/2019: Prophet's Birthday	Monday November 04 and Wednesday November 06: Case presentations
12	November 11- 15/2019			Monday November 11 and Wednesday November 13: Case presentations
13	November 18- 22/2019		Friday November 22/2019: Independence Day	Monday November 18 and Wednesday November 20: Case presentations
14	November 25- 29/2019			Monday November 25 and Wednesday November 27: Case presentations
15	December 02- 03/2019 (Week 1 continuation)			

Objectives to be accomplished	Reading / Revising
<ul style="list-style-type: none"> ○ Patient care ○ Principles of exposure ○ Exam preparation ○ Equipment manipulation ○ Positioning skills ○ Post procedure process ○ Image Assessment 	<ul style="list-style-type: none"> ○ All posted materials in the Clinical Practicum course – DGRG 230 on Moodle ○ MIMG 206 “Principle Imaging I” course notes ○ Long, Bruce W., Rollins Jeannean Hall, Smith Barbara J. (2012) – “Merrill’s atlas of : Radiographic Positioning and Procedures” – thirteenth edition – Volumes 1,2, and 3, Elsevier Saunders

Full reference for readings

- All posted materials in the Clinical Practicum course – DGRG 230 on Moodle
- MIMG 206 “Principle Imaging I” course notes
- Long, Bruce W., Rollins Jeannean Hall, Smith Barbara J. (2012) – “Merrill’s atlas of : Radiographic Positioning and Procedures” – thirteenth edition – Volumes 1,2, and 3, Elsevier Saunders