

توصيف مساق

أولاً: معلومات عامة

اسم المساق	تقنيات تصوير المراء
رقم المساق	AMSR3266
الكلية	
القسم	
نوع المتطلب	تخصص
المستوى الدراسي	3
الساعات المعتمدة نظري	2
الساعات المعتمدة عملي	0
المتطلبات	

ثانياً : أهداف المساق

1- Identify the normal anatomy and physiology of the breast	- 1
2- Distinguish abnormal clinical and pathology findings of the breast	- 2
3- Define the major types of benign and malignant breast lesions and their prognostic significance.	- 3
4- Identify equipment selection consideration to produce clinically useful information on x-ray and image quality.	- 4
5- Identify examinations mammographic positions by various methods.	- 5
6- Improve abilities of Technologists skills and knowledge of mammography.	- 6

ثالثاً :المهارات المستهدفة من تدريس المساق

Assess the current role of mammography, ultrasound, and MR imaging in the diagnosis of breast disease	*	مهارات المعرفة والمفاهيم
Implement a quality assurance program in your breast imaging practice	*	
the evaluation of the breast, describe appropriate indications and categorize breast lesions	*	
When examining the breast, improve interpretation skills of mammography, ultrasound and MRI, based on advanced imaging protocols	*	
Enhances professional competence and expertise in practice of mammography and related research	*	
Builds capacity for independent work, inquiry and problem solving	*	
This course is intended for radiographers practicing mammography in multi disciplinary breast screening/health services	*	

رابعاً : محتوى المساق

• Anatomy, physiology, pathology of the breast. • Selection and use of the equipment unit and mammographic position of the breast. • Breast U.S, breast MRI, breast biopsy, and ductography. • Course application will include applied of mammography position and mammography unit in radiology center.	- 1
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Power point notes - 1

videos and hardware models - 2

تقويم الطلبة

<u>توزيع الدرجات</u>	<u>التوقيت</u>	<u>الاساليب المستخدمة</u>
5	the whole semester	attendance
20	after the second month	mid term
5	after the first month	presentation
20	after each month	Assignments
50	the end of semester	Final exam

الكتب الدراسية والمراجع

Mammographic Imaging: A Practical Guide (Point (Lippincott Williams & Wilkins)) Third edition Third Edition by Valerie F. Andolina RT(R)(M)	كتب ملزمة
Breast Imaging (Kopans, Breast Imaging) Third Edition by Daniel B. Kopans MD 2006	كتب مقترحة