

*Republic of Iraq
Ministry of Higher Education & Scientific Research
Supervision and Scientific Evaluation Directorate
Quality Assurance and Academic Accreditation
International Accreditation Dept.*

*Academic Program Specification Form For The
Academic Year 2022-2023*

*University: Baghdad
College : AlKindy Medical College
Number Of Departments In The College :
Date Of Form Completion : 11/8/2022*

*Dean's Name
Date : / / 202*

*Dean's Assistant For
Scientific Affairs*

Date : / / 202

Signature

Signature

*The College Quality Assurance
And University Performance
Manager*

Date : / / 202

Signature

Quality Assurance And University Performance Manager

Date : / / 202

Signature

TEMPLATE FOR PROGRAMME SPECIFICATION

HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

PROGRAMME SPECIFICATION

This Programme Specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. It is supported by a specification for each course that contributes to the programme.

1. Teaching Institution	AlKindy college of medicine
2. University Department/Centre	University of Baghdad
3. Program Title	Radiology module
4. Title of Final Award	Radiology of 5 th year
5. Modes of Attendance offered	Program of the scientific committee for examinations in the College of Medicine
6. Accreditation	3.5 units(30 hr theory), (45 hr. clinical)
7. Other external influences	Hospital clinical teaching, Osce
8. Date of production/revision of this specification	٢٠٢٢/١١/٠٨ review for year 2022 -2023
9. Aims of the Program	<ul style="list-style-type: none">• To differentiate the nature of ionizing and non-ionizing radiation.• To understand the uses of ionizing radiation in medical practice.• To define the basic principle of X-ray production and how a radiograph is obtained.• To explain how X-ray is used in diagnostic work.• To describe the normal radiological anatomy of the chest, abdomen, gastrointestinal tract, genitourinary system, central nervous system, spine and musculoskeletal system.

- To identify common anatomical variations of the chest, abdomen, gastrointestinal tract, genitourinary system, central nervous system, spine and musculoskeletal system.
- To identify the radiological abnormalities and provide differential diagnoses for the chest, abdomen, gastrointestinal tract, genitourinary system, central nervous system, spine and musculoskeletal system.
- To understand the use of various imaging modalities available for the chest, abdomen, gastrointestinal tract, genitourinary system, central nervous system, spine and musculoskeletal system.
- To identify and interpret radiological abnormalities and provide differential diagnoses in common emergency radiology imaging.
- To understand the use of other imaging modalities available for emergencies.
- To describe all the contrast agents used in radiology.
- To explain the indications and contraindications for contrast agents in radiology.
- To explain the side effects of all the contrast media.
- To state the adverse reactions of contrast agents in radiology.
- To identify the adverse effect of ionizing radiation on human i.e. patients, radiation workers, and public.
- To define the principles of radiation protection.
- To describe the various radiation protection procedures and devices available for medical use.

10. Learning Outcomes, Teaching, Learning and Assessment Methods

A. Cognitive goals

A1. Lectures

- Radiological Investigations in chest diseases
- Radiological signs of lung diseases
- Imaging of pleura and mediastinum diseases
- Imaging of specific lung diseases
- Imaging of bone diseases
- Imaging of joint diseases
- Imaging of bone trauma
- Imaging of renal diseases

- Imaging of UB, prostate, scrotum
- Woman imaging
- Imaging of brain diseases
- Imaging of spine diseases
- Imaging of GIT diseases
- Imaging of hepatobiliary diseases

A2. Seminars

- Radiological signs of heart diseases
- Imaging of retroperitoneum and adrenal glands

A3 Tutorials.

- Basic principles of x-ray, US, radio-nuclide imaging, CT & MRI. Contrast media and radiation hazard
- Interpretation of abnormal plain abdominal film

- B. The skills goals special to the programme .
- B1. seminar , tutorial & attitude assessment
 - B2. osce
 - B3. Mid theory exam.

Teaching and Learning Methods

- Training in small groups at Al-Kindi Teaching Hospital taking the patient's history of illness and clinical examination
- Training in the students' skills lab
- clinical training
- Lecture, Tutorial and seminar

Assessment methods

A. Continuous assessment: 15%

attitude 2%

Quizzes examinations 8%

seminar 2.5%

tutorials 2.5%

B. clinical examination at the end of 2 weeks 15%

- C. Affective and value goals
 - C1. clinical activity (Case presentation & evaluation)
 - C2. clinical skills
 - C3. seminar , tutorial, Lectures
 - C4.

Teaching and Learning Methods
Clinical training at Al-Kindi Teaching Hospital, Unit of X-ray , Ct scan unit

Assessment methods

- A. Objectively Structured Clinical Exam (OSCE) 20%
- B. knowledge assessment paper examination 50%
 - Single Best Answer
 - Patient Problem Management

- D. General and Transferable Skills (other skills relevant to employability and personal development)
 - D1. Clinical training at the X-ray units
 - D2. Clinical training at the CT scan units
 - D3. Clinical training at the MRI units
 - D4.

Teaching and Learning Methods

Seminars. Clinical training. Skills Lab

Assessment Methods

Workplace based assessment, OSCE, Slides

11. Program Structure				12. Awards and Credits
Level/Year	Course or Module Code	Course or Module Title	Credit rating	
5 th year		Radiology module	3.5	Theory 30 hr Clinical 45 hr

13. Personal Development Planning
Annual assessment and promotion
14. Admission criteria.
Students of 4 th stage
15. Key sources of information about the program

Required

- Diagnostic Imaging, 7th edition by Peter Armstrong, Martin L. Wastie, Andrea G. Rockall. Wiley-Blackwell 2013.

Recommended

- Radiology and Imaging For Medical Students, 7th edition by David Sutton. Churchill Livingstone 2008.
- Imaging Atlas of Human Anatomy, 4rd Edition by Jamie Weir. Mosby 2011. ISBN: 9780723434573

Websites

- <http://www.radiologymasterclass.co.uk>
- <https://radiopaedia.org>
- <http://www.learningradiology.com>

