



Certification Course in **RADIONUCLIDE RADIOLOGY**

(Course Duration - 2 months)



The Royal College
of Radiologists

Introduction

The Certification Course in Radionuclide Radiology is a 2-month online course, featuring e-learning material co-authored by **E-integrity, NHS UK**, and the **Royal College of Radiologists** for doctors seeking to build expertise in Radionuclide Radiology. This program, with 11 modules and 11 chapters, explores topics such as skeletal imaging techniques, radiopharmaceuticals, metabolic bone diseases, nuclear cardiology, and various other imaging applications, emphasizing radiation protection in nuclear medicine procedures, offering a comprehensive approach to radionuclide radiology.



About OC Academy

OC Academy is India's leading online upskilling platform for doctors. In collaboration with 35+ global institutes and 20+ hospitals, OC Academy curates industry-specific short term and long term courses, fostering a community for medical upskilling. Our online programs, designed to meet the evolving demands of the medical field, prioritise quality, accessibility and flexibility. OC Academy envisions a future where healthcare professionals in India have unparalleled access to transformative education, driving excellence in patient care.



Certificate

Upon completing the programme, you will receive a “certificate of completion”.



Teaching Methodology

Experience dynamic learning with content modules within the e-learning materials curated by expert doctors from internationally acclaimed institutions. Exploring concurrent topics and chapters at one's own pace, with guidance from the latest insights of industry professionals, ensures a comprehensive understanding of the specialty.

- **Interactive training:** The teaching methodology prioritises interactivity, with reading material authored by practising clinicians featuring content to enhance learning.
- **Global relevance for clinical trainees:** Designed to benefit clinical trainees worldwide, this program utilises scenario-based learning to improve skills in radionuclide radiology.
- **Practical scenario-based learning:** Participants engage in virtual ward simulations, practising history reviews, examinations, management planning, and outcome assessments for improving skills in radionuclide radiology.
- **Convenient online accessibility:** This certification course allows studying from anywhere, facilitating quality e-learning material co-authored by prestigious institutions like the Royal College and NHS UK.





COURSE CURRICULUM



Certification Course in Radionuclide Radiology

- Module 1 | Overview of Technical Aspects of Nuclear Medicine
- Module 2 | Overview of Safety in Nuclear Medicine
- Module 3 | Bone
- Module 4 | Cardiac
- Module 5 | Endocrine
- Module 6 | Gastro-Intestinal
- Module 7 | Infection Imaging
- Module 8 | Chest
- Module 9 | Neuro
- Module 10 | Oncology
- Module 11 | Renal

Curriculum Overview

Module 1 | Overview of Technical Aspects of Nuclear Medicine

Module 1 provides a comprehensive overview of the technical aspects of nuclear medicine, covering radionuclide imaging, radiopharmaceuticals, gamma camera image formation, image quality considerations, planar imaging, SPECT, PET, and common imaging artefacts.

Module 2 | Overview of Safety in Nuclear Medicine

Module 2 provides a comprehensive overview of safety practices in nuclear medicine, focusing on radiation protection for staff, patients, and the environment, along with ensuring quality and safety in radionuclide imaging.

Module 3 | Bone

Module 3 covers various aspects of bone imaging, from scintigraphy advancements to paediatric and metabolic bone diseases.

Module 4 | Cardiac

Module 4 covers fundamental principles and clinical applications of cardiac imaging, including radionuclide techniques, stress testing, myocardial perfusion interpretation, and assessments of cardiac function in conditions like ischemic heart disease and congenital heart disease (CHD).

Module 5 | Endocrine

Module 5 focuses on the endocrine system, particularly the thyroid and parathyroid glands, covering fundamental principles, pathology, clinical aspects, radionuclide imaging basics, interpretation techniques, and their roles in benign and cancerous conditions.

Module 6 | Gastro-Intestinal

Module 6 explores various diagnostic techniques for gastro-intestinal disorders, including esophageal motility, gastric emptying, gastrointestinal bleeding, radionuclide imaging for inflammatory bowel disease, hepatobiliary disease investigation, and an overview of radionuclide investigations in gastrointestinal diseases.

Module 7 | Infection Imaging

Module 7 covers nuclear medicine infection imaging techniques, exploring scintigraphy for bone, soft tissue, abdominal infections, and fever of unknown origin (PUO).

Module 8 | Chest

Module 8 focuses on chest VQ imaging, crucial for diagnosing suspected pulmonary embolism, detailing its clinical utility and interpretation nuances.

Module 9 | Neuro

Module 9 explores the theory and practice of neuroimaging in Parkinson's Disease, focusing on HMPAO as a key imaging agent.

Module 10 | Oncology

Module 10 focuses on the diverse applications of radiopharmaceuticals in oncology, encompassing diagnostic imaging and therapy monitoring across various cancer types.

Module 11 | Renal

Module 11 covers various renal imaging techniques including static renal imaging with DMSA, dynamic renography, and isotope cystography, focusing on diagnostic approaches for renal conditions.

Course Fees



Course Name

Certification Course
in Radionuclide
Radiology



Duration

2 Months



Certification

Certificate of
completion



Price

Rs.11000
+ GST

[Enroll Now](#)

Advance your career in Radionuclide Radiology.



The Royal College
of Radiologists



Health Education
England

Why take this course?



Fast-track career growth



Convenient online learning



Comprehensive learning
with expert-led curriculum



OC Academy (Accelerate Your Career in Medicine)

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