



# Certification Course in **VASCULAR & INTERVENTIONAL RADIOLOGY**

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(Course Duration - 2 months)

## Introduction

The Certification Course in Vascular & Interventional 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 Vascular & Interventional Radiology. This program, with 10 modules and 10 chapters, covers a wide spectrum of interventional radiological procedures, ranging from aortic aneurysms to liver cancer, nephrostomy insertion, and infertility treatment, offering a comprehensive approach to vascular & interventional 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 vascular & interventional radiology.
- **Practical scenario-based learning:** Participants engage in virtual ward simulations, practising history reviews, examinations, management planning, and outcome assessments for improving skills in vascular & interventional 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** **Vascular & Interventional Radiology**

- Module 1 | Preparation for the IR Suite
- Module 2 | Imaging Principles for Interventional Radiology
- Module 3 | Peripheral Vascular Disease
- Module 4 | Interventions for Visceral Arteries and Aneurysms
- Module 5 | Intervention for Bleeding
- Module 6 | Venous Interventions
- Module 7 | Genito-Urinary Intervention
- Module 8 | Interventions in the G-I Tract
- Module 9 | Hepato-Biliary Intervention
- Module 10 | Tumour Ablation

# Curriculum Overview

## Module 1 | Preparation for the IR Suite

Module 1 focuses on essential preparation for the IR Suite, covering topics such as informed consent and governance, sedation and analgesia management, the use of contrast media, and techniques for ultrasound and CT guided drainage in interventional radiology.

## Module 2 | Imaging Principles for Interventional Radiology

Module 2 covers essential imaging principles for interventional radiology, including magnetic resonance angiography (MRA) and computed tomography angiography (CTA), ultrasound techniques, and digital subtraction angiography (DSA), emphasising both theoretical foundations and practical applications in arterial imaging.

## Module 3 | Peripheral Vascular Disease

Module 3 focuses on Peripheral Vascular Disease, covering topics such as vascular access techniques, graft imaging, peripheral angioplasty, basics of vascular stents, and procedures like thrombolysis and thrombectomy.

## Module 4 | Interventions for Visceral Arteries and Aneurysms

Module 4 covers advanced interventions for visceral arteries and aneurysms, focusing on imaging and treatment strategies for chronic mesenteric ischemia, thoracic aortic aneurysms, abdominal aortic aneurysms, and the critical management of ruptured and unstable abdominal aortic aneurysms.

## Module 5 | Intervention for Bleeding

Module 5 covers a range of critical interventions in radiology, including managing massive hemoptysis, acute GI bleeding, embolization basics, foreign body retrieval, pelvic angiography for postpartum haemorrhage, and radiological strategies for severely injured patients.

## Module 6 | Venous Interventions

Module 6 focuses on venous interventions, covering topics such as imaging and treatment for superior vena cava obstruction, central venous access devices and insertion techniques, management of inferior vena cava filters, and issues related to failing dialysis fistulas.

## Module 7 | Genito-Urinary Intervention

Module 7 covers a range of genito-urinary interventions including percutaneous nephrostomy for urinary tract bleeding, techniques for ureteric obstruction management, fallopian tube recanalisation for treating female subfertility, pelvic angiography for uterine fibroid embolisation, and essential information on varicocele imaging and treatment.

## Module 8 | Interventions in the G-I Tract

Module 8 focuses on interventions in the gastrointestinal tract, covering topics such as managing esophageal leaks, fistulae, and strictures, enteral nutrition strategies, and interventions for colonic strictures.

## Module 9 | Hepato-Biliary Intervention

Module 9 focuses on hepato-biliary interventions, covering percutaneous biliary procedures, treatments for liver cancer, venous interventions like TIPS for portal hypertension and Budd-Chiari syndrome, and interventions for complications post-liver transplant.

## Module 10 | Tumour Ablation

Module 10 covers image-guided tumour ablation techniques, focusing on direct ablation of bone lesions, providing comprehensive insights into effective treatment approaches.

## Course Fees



### Course Name

Certification Course  
in Vascular &  
Interventional  
Radiology



### Duration

2 Months



### Certification

Certificate of  
completion



### Price

Rs.11000  
+ GST

**Enroll Now**

**Advance your career in Vascular & Interventional Radiology.**



## 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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### Contact us