

Clinical radiology

Clinical radiologists use images to diagnose, treat and manage medical conditions and diseases.

Given the importance of imaging to modern medicine, you'll play a vital role in the swift and accurate diagnosis of patients with a wide variety of conditions.

Photo of x-ray

Life as a clinical radiologist

It'll be your job to examine the anatomy, pathology and clinical history of a patient as well as their previous images to select the most appropriate technique for diagnosis while minimising a patient's exposure to radiation.

You'll form a close-knit team with radiographers and be expected to draw on your experience and expertise to collaborate with and guide colleagues as part of a wider multidisciplinary team.

You'll use a wide range of imaging techniques, including:

- x-ray
- ultrasound
- computed tomography (CT) including multislice scanning
- magnetic resonance imaging (MRI ^[1])
- positron emission tomography (PET) coupled with CT or MRI ^[1] to enable enhanced 3D images
- fluoroscopy – using real-time x-ray imaging to show internal structures of the body
- molecular imaging – CT perfusion, dual-energy CT, optical imaging
- nuclear medicine techniques

You'll work at the forefront of minimally invasive techniques known as interventional radiology. These techniques are designed to reduce the risk of infection and aid recovery times.

You'll perform many interventional techniques, including:

- oesophageal stents – a small flexible tube that is inserted into the oesophagus using imaging to assist the process. This technique is used to treat blockages of the oesophagus

- angioplasty – insertion of a balloon or stent to open a narrowed or blocked artery and allow blood to flow more freely
- angiography – x-ray of arteries and veins to diagnose blockages and other problems
- biliary drainage and stenting – insertion of a stent to open up blocked ducts and allow bile to drain from the liver
- needle biopsy
- treatment of internal bleeding by injecting a clotting substance
- treatment of arteriovenous malformations – blood vessel abnormalities that can lead to rupture. A substance is injected that blocks the supply of blood to the affected blood vessels

How much can I earn?

You'll first earn a salary when you start your [foundation training](#) ^[2] after medical school. Find out details of current salary ranges for foundation and specialty training, [SAS doctors](#) ^[3] and consultants on the '[Pay for doctors](#)' ^[4] page.

How about the benefits?

- make a difference
- flexible and part-time working
- high income early in your career
- work anywhere in the world
- excellent pension scheme
- good holiday entitlement
- NHS discounts in shops and restaurants

Must-have skills

- excellent communication skills to manage a wide range of relationships with colleagues, and patients and their families
- emotional resilience, a calm temperament and the ability to work well under pressure
- teamwork and the capacity to lead multidisciplinary teams
- problem-solving and diagnostic skills
- outstanding organisational ability and effective decision-making skills
- first-class time and resource management for the benefit of patients

Entry requirements

Your first step is medical school. Typically, you'll need excellent GCSEs and three A or A* passes at A level including chemistry for a five-year undergraduate degree in medicine. Many medical schools also ask for biology and others may require maths or physics.

If you already have a degree, you could study for a four-year postgraduate degree in medicine.

You'll need to pass an interview and admissions test. You'll be asked to show how you demonstrate the NHS values such as compassion and respect.

Some medical schools look to recruit a mix of students from different backgrounds and geographical areas, so your educational and economic background and family circumstances could be considered as part of your application.

"Radiology is an exciting specialty to be a part of, as the technology is constantly developing."

Read Jackie's story ^[5].

What are my chances of starting a career in clinical radiology?

There are approximately 3,377 clinical radiologists working in the NHS in England. In 2020, there were 1308 applications for 311 specialty training places.

How to become a clinical radiologist

After medical school, you'll join the paid two-year foundation programme ^[6] where you'll work in six placements in different settings.

After your foundation programme, you can apply for paid specialty training ^[7] to become a clinical radiologist, which will take a minimum of five years.

You may be able to train part time, for example for health reasons or if you have family or caring responsibilities.

Where a career as a clinical radiologist can take you

The only sub-specialty available is interventional radiology. However, there are various areas of special interest within clinical radiology which include:

- breast
- cardiac
- gastrointestinal
- head and neck
- musculoskeletal
- neuroradiology
- oncology
- paediatric
- radionuclide (imaging that uses a tiny amount of a radioactive chemical)
- chest
- genitorurinary
- vascular

- **Live vacancies**

Find a vacancy

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- **Consultant Radiologist with interest in Interventional Radiology**

London, NW3 2QG

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

Royal Free London NHS Foundation Trust

[Apply now on NHS Jobs for Consultant Radiologist with interest in Interventional Radiology job \(opens in a new window\)](#) ^[8]

- **Consultant Radiologist**

Yeovil, BA21 4AT

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

Somerset NHS Foundation Trust

[Apply now on NHS Jobs for Consultant Radiologist job \(opens in a new window\)](#) ^[9]

- **Consultant Radiologist**

Llantrisant, CF72 8XR

Salary:

£106000.00 to £154760.00

Type:

Permanent

Employer:

Cwm Taf Morgannwg University Health Board
[Apply now on NHS Jobs for Consultant Radiologist job \(opens in a new window\)](#)
[10]

○ **Consultant Radiologist**

Woolwich, SE18 4QH

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

Lewisham and Greenwich NHS Trust

[Apply now on NHS Jobs for Consultant Radiologist job \(opens in a new window\)](#)

[11]

○ **Consultant Radiologist**

Swindon, SN3 6BB

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

Great Western Hospitals NHS Foundation Trust

[Apply now on NHS Jobs for Consultant Radiologist job \(opens in a new window\)](#)

[12]

○ **Consultant Radiologist**

Northampton, NN1 5BD

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

Northampton General Hospital

[Apply now on NHS Jobs for Consultant Radiologist job \(opens in a new window\)](#)

[13]

○ **Consultant Radiologist**

Kings Lynn, PE30 4ET

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

The Queen Elizabeth Hospital King's Lynn NHSFT

[Apply now on NHS Jobs for Consultant Radiologist job \(opens in a new window\)](#)

[14]

- **Consultant in Clinical Radiology with an Interest in General Radiology**

Bournemouth, BH7 7DW

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

University Hospitals Dorset NHS Foundation Trust

[Apply now on NHS Jobs for Consultant in Clinical Radiology with an Interest in General Radiology job \(opens in a new window\)](#) [15]

- **Locum Consultant Radiologist**

Isleworth, TW7 6AF

Salary:

£105504.00 to £139882.00

Type:

Fixed-Term

Employer:

Chelsea and Westminster Hospital NHS Foundation Trust

[Apply now on NHS Jobs for Locum Consultant Radiologist job \(opens in a new window\)](#) [16]

- **Locum Consultant Radiologist**

Bridgend, CF31 1RQ

Salary:

£121264.00

Type:

Fixed-Term

Employer:

Cwm Taf Morgannwg University Health Board

[Apply now on NHS Jobs for Locum Consultant Radiologist job \(opens in a new window\)](#) [17]

- **Consultant - Clinical Radiology Head & Neck and Neuroradiology**

Watford, WD18 0HB

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

West Hertfordshire Teaching Hospitals NHS Trust

[Apply now on NHS Jobs for Consultant - Clinical Radiology Head & Neck and Neuroradiology job \(opens in a new window\)](#) ^[18]

- **Locum Consultant Radiologist (Interventional)**

Carlisle, CA2 7HY

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

North Cumbria Integrated Care NHS Foundation Trust

[Apply now on NHS Jobs for Locum Consultant Radiologist \(Interventional\) job \(opens in a new window\)](#) ^[19]

- **Consultant Radiologist (Cross-Sectional)**

Manchester, M20 4BX

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

The Christie NHS FT

[Apply now on NHS Jobs for Consultant Radiologist \(Cross-Sectional\) job \(opens in a new window\)](#) ^[20]

- **Consultant Radiologist - GI Imaging**

Slough, SL2 4HL

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

Frimley Health NHS Foundation Trust

[Apply now on NHS Jobs for Consultant Radiologist - GI Imaging job \(opens in a new window\)](#) ^[21]

- **Consultant Diagnostic Radiologist**

Liverpool, L9 7LJ

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

The Walton Centre NHS Foundation Trust

[Apply now on NHS Jobs for Consultant Diagnostic Radiologist job \(opens in a new window\)](#) ^[22]

- **Consultant Interventional Radiologist**

Manchester, M20 4BX

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

The Christie NHS FT

[Apply now on NHS Jobs for Consultant Interventional Radiologist job \(opens in a new window\)](#) ^[23]

- **Consultant Interventional Radiologist**

Dorchester, DT1 2JY

Salary:

Negotiable

Type:

Permanent

Employer:

Dorset County Hospital NHS Foundation Trust

[Apply now on NHS Jobs for Consultant Interventional Radiologist job \(opens in a new window\)](#) ^[24]

- **Consultant Interventional Radiologist**

Orpington, BR6 8ND

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

King's College Hospital NHS Foundation Trust

[Apply now on NHS Jobs for Consultant Interventional Radiologist job \(opens in a new window\)](#) ^[25]

- **Consultant Cardiothoracic Radiologist**

Tooting, SW17 0QT

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

St George's University Hospitals NHS Foundation Trust

[Apply now on NHS Jobs for Consultant Cardiothoracic Radiologist job \(opens in a new window\)](#) ^[26]

- **Consultant Radiologist (Chest / Cardiac Imaging)**

Rotherham, S60 2UD

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

The Rotherham NHS Foundation Trust

[Apply now on NHS Jobs for Consultant Radiologist \(Chest / Cardiac Imaging\) job \(opens in a new window\)](#) ^[27]

- **Consultant Radiologist (Non-Vascular Intervention)**

Rotherham, S60 2UD

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

The Rotherham NHS Foundation Trust

[Apply now on NHS Jobs for Consultant Radiologist \(Non-Vascular Intervention\) job \(opens in a new window\)](#) ^[28]

- **Locum Consultant Paediatric Radiologist**

Sheffield, S10 2TH

Salary:

£105504.00 to £139882.00

Type:

Fixed-Term

Employer:

Sheffield Children's NHS Foundation Trust

[Apply now on NHS Jobs for Locum Consultant Paediatric Radiologist job \(opens in a new window\)](#) ^[29]

- **Locum Consultant Interventional Radiologist**

Stevenage, SG1 4AB

Salary:

£105504.00 to £139882.00

Type:

Fixed-Term

Employer:

East and North Hertfordshire Teaching NHS Trust

[Apply now on NHS Jobs for Locum Consultant Interventional Radiologist job \(opens in a new window\)](#) ^[30]

- **Consultant Radiologist (Oncology / Cross-sectional Imaging)**

Rotherham, S60 2UD

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

The Rotherham NHS Foundation Trust

[Apply now on NHS Jobs for Consultant Radiologist \(Oncology / Cross-sectional Imaging\) job \(opens in a new window\)](#) ^[31]

- **Consultant Radiologist, Special interest in GI**

Bradford, BD9 6RJ

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

Bradford Teaching Hospitals NHS Foundation Trust

[Apply now on NHS Jobs for Consultant Radiologist, Special interest in GI job \(opens in a new window\)](#) ^[32]

- **Consultant Radiologist - Subspecialist Interest Paediatric Imaging**

London, E9 6SR

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

Homerton Healthcare NHS Foundation Trust

[Apply now on NHS Jobs for Consultant Radiologist - Subspecialist Interest](#)

[Paediatric Imaging job \(opens in a new window\)](#) ^[33]

- **Consultant non-Vascular Interventional Radiologist**

Middlesbrough, TS4 3BW

Salary:

Negotiable

Type:

Permanent

Employer:

South Tees Hospitals NHS Foundation Trust

[Apply now on NHS Jobs for Consultant non-Vascular Interventional Radiologist job \(opens in a new window\)](#) ^[34]

- **Consultant in Interventional Radiology**

Birmingham, B66 2QT

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

Sandwell and West Birmingham NHS Trust

[Apply now on NHS Jobs for Consultant in Interventional Radiology job \(opens in a new window\)](#) ^[35]

- **Locum Consultant in Radiology**

Nuneaton, CV10 7DJ

Salary:

£105504.00 to £139882.00

Type:

Fixed-Term

Employer:

George Eliot Hospital NHS Trust

[Apply now on NHS Jobs for Locum Consultant in Radiology job \(opens in a new window\)](#) ^[36]

- **Consultant in Musculoskeletal Radiology**

Bournemouth, BH7 7DW

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

University Hospitals Dorset NHS Foundation Trust

[Apply now on NHS Jobs for Consultant in Musculoskeletal Radiology job \(opens in a new window\)](#) ^[37]

- **Consultant Radiologist GIGU Body and Interventional Imaging**

Leicester, LE1 5WW

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

University Hospitals of Leicester NHS Trust

[Apply now on NHS Jobs for Consultant Radiologist GIGU Body and Interventional Imaging job \(opens in a new window\)](#) ^[38]

- **Consultant Radiologist with an interest in Breast Imaging**

Poole, BH15 2JB

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

University Hospitals Dorset NHS Foundation Trust

[Apply now on NHS Jobs for Consultant Radiologist with an interest in Breast Imaging job \(opens in a new window\)](#) ^[39]

- **Consultant Radiologist with an interest in Breast Imaging**

Leicester, LE3 9QP

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

University Hospitals of Leicester NHS Trust

[Apply now on NHS Jobs for Consultant Radiologist with an interest in Breast Imaging job \(opens in a new window\)](#) ^[40]

- **Consultant Radiologist (with sub-specialism in Nuclear Medicine)**

Carlisle, CA2 7HY

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

North Cumbria Integrated Care NHS Foundation Trust

[Apply now on NHS Jobs for Consultant Radiologist \(with sub-specialism in Nuclear Medicine\) job \(opens in a new window\)](#) ^[41]

- **Principal Clinical Scientist, Radiology Physics**

Canterbury, CT1 3NG

Salary:

£62215.00 to £72293.00

Type:

Permanent

Employer:

East Kent Hospitals University NHS Foundation Trust

[Apply now on NHS Jobs for Principal Clinical Scientist, Radiology Physics job \(opens in a new window\)](#) ^[42]

- **Locum Consultant Radiologist with an interest in Breast Imaging**

Sheffield, S10 2JF

Salary:

£105504.00 to £139882.00

Type:

Fixed-Term

Employer:

Sheffield Teaching Hospitals NHS Foundation Trust

[Apply now on NHS Jobs for Locum Consultant Radiologist with an interest in Breast Imaging job \(opens in a new window\)](#) ^[43]

- **Consultant in Gastro-Intestinal Radiology with Intervention**

Park Royal, NW10 7NS

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

London North West University Healthcare NHS Trust

[Apply now on NHS Jobs for Consultant in Gastro-Intestinal Radiology with Intervention job \(opens in a new window\)](#) ^[44]

- **Consultant Radiologist with an interest in PET-CT and NM Imaging**

Oxford, OX3 7LE

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

Oxford University Hospitals NHS Foundation Trust

[Apply now on NHS Jobs for Consultant Radiologist with an interest in PET-CT and NM Imaging job \(opens in a new window\)](#) ^[45]

- **Interventional Radiologist**

Canterbury, CT1 3NG

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

East Kent Hospitals University NHS Foundation Trust

[Apply now on NHS Jobs for Interventional Radiologist job \(opens in a new window\)](#) ^[46]

- **Interventional Radiologist**

Taunton, TA1 5DA

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

Somerset NHS Foundation Trust

[Apply now on NHS Jobs for Interventional Radiologist job \(opens in a new window\)](#) ^[47]

- **Radiology Secretary**

Bridgend, CF31 1RQ

Salary:

£26928.00 to £29551.00

Type:

Permanent

Employer:

Cwm Taf Morgannwg University Health Board
[Apply now on NHS Jobs for Radiology Secretary job \(opens in a new window\)](#) ^[48]

- **Radiology Senior Administrator**

Dudley, DY1 2HQ

Salary:

£24625.00

Type:

Permanent

Employer:

The Dudley Group NHS Foundation Trust

[Apply now on NHS Jobs for Radiology Senior Administrator job \(opens in a new window\)](#) ^[49]

- **Reporting Sonographer - Radiology**

Stevenage, SG1 4AB

Salary:

£46148.00 to £52809.00

Type:

Permanent

Employer:

East and North Hertfordshire Teaching NHS Trust

[Apply now on NHS Jobs for Reporting Sonographer - Radiology job \(opens in a new window\)](#) ^[50]

- **Specialist Doctor in Radiology**

Chesterfield, S44 5BL

Salary:

£96990.00 to £107155.00

Type:

Permanent

Employer:

Chesterfield Royal Hospital NHS Foundation Trust

[Apply now on NHS Jobs for Specialist Doctor in Radiology job \(opens in a new window\)](#) ^[51]

- **Further information**

These organisations have further information about being a clinical radiologist, particularly as your career progresses. Take a look.

British Society of Interventional Radiology [52]

Royal College of Radiologists [53]

And hear from people working as doctors in clinical radiology:

A career in clinical radiology (RCR) [53]

A career in radiology (BMJ) [54]

A career in interventional radiology (BMJ) [55]

Other roles that may interest you

- Nuclear medicine [56]
- General practitioner [57]
- Knowledge and library services [58]
- Emergency care assistant [59]

Source URL:https://www.healthcareers.nhs.uk/explore-roles/doctors/roles-doctors/clinical-radiology?career=HCSW&field_field_role=91&page=9

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