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Cardiothoracic surgeon

Cardiothoracic surgeons specialise in operating on the heart, lungs and other thoracic (chest) organs.

They also diagnose and treat diseases of these organs.

picture of a surgeon

Life as a cardiothoracic surgeon

You'll see the immediate and life-changing results of your work, but your role will be hugely demanding. Diseases that occur in a person's chest are common killers and you'll be managing life and death scenarios every day.

Cardiothoracic surgery is a relatively young speciality that has experienced rapid growth through the introduction of new technologies.

Before surgery you'll meet with patients and their families to discuss and explain procedures and offer reassurance. Being crystal clear, empathetic and warm is vital to the success of your role.

The main areas of cardiothoracic surgery are:

- cardiac surgery
- thoracic surgery
- congenital cardiac surgery
- heart and lung transplant surgery

Monitoring patients in intensive care [1] after surgery is a vital part of your work. Although cardiothoracic surgery is very safe, complications can occur and you'll need to be prepared to deal with a host of conditions including arrhythmias (heart-beat irregularity), post-operative bleeding, stroke [2], pleural effusion (fluid around the lungs), wound infection or thrombosis [3].

As well as performing surgery, you'll be involved in the treatment and management of many different conditions within your speciality. You'll need to attend outpatient clinics, multidisciplinary team meetings and ward rounds.

How much can I earn?

You'll first earn a salary when you start your <u>foundation training</u> [4] after medical school. Find out details of current salary ranges for foundation and specialty training, <u>SAS doctors</u> [5] and consultants on the <u>'Pay for doctors'</u> [6] 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
- a high degree of manual dexterity
- superb hand-eye co-ordination, excellent vision, and visuospatial awareness
- physical stamina to cope with the demands of surgery

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.

"I had some great mentors who gave me the opportunity to operate on patients with supervision, and to look after very sick patients on the intensive care [1] unit after cardiac surgery."

Read Omar's story [7].

What are my chances of starting a career as a cardiothoracic surgeon?

There are currently approximately 400 cardiothoracic surgeons working in the NHS in England. In 2020, there were between 5.86 and 9.92 applications for every specialty training place.

How to become a cardiothoracic surgeon

After medical school, you'll join the paid two-year foundation programme [8] where you'll work in six placements in different settings.

After your foundation programme, you can apply for paid <u>specialty training</u> [9] to become a cardiothoracic surgeon, which will take a minimum of six or seven 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 cardiothoracic surgeon can take you

Working as a cardiothoracic surgeon, you'll have the opportunity to specialise in cardiac, thoracic or congenital surgery.

As a cardiac surgeon, you'll perform various kinds of surgery including:

- coronary artery bypass surgery restoring blood flow to the heart by bypassing the narrowed coronary arteries
- heart valve surgery repairing and replacing narrowed or leaking heart valves
- aortic surgery replacing an enlarged or damaged blood vessel leaving the heart

If you choose to specialise as a thoracic surgeon, you'll perform a wide range of surgery including:

- surgery for lung cancer, tumours and cysts
- surgery on collapsed or infected lungs
- keyhole thoracic surgery (video assisted thoracoscopic surgery (VATS))
- chest-wall deformities (pectus surgery)

If you choose congenital cardiac surgery, you'll treat babies and children with heart diseases that have been present from birth. These conditions include:

- septal defects (a hole between two of the heart's chambers)
- aortic and pulmonary valve stenosis (where the valve is narrower than normal)
- transposition of the arteries

You could specialise or conduct research, teach medical students or postgraduate students in training and get involved in research at universities, the NHS or private sector.

Live vacancies

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Consultant Cardiothoracic Anaesthetist

Liverpool, L14 3PE

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

Liverpool Heart and Chest Hospital <u>Apply now on NHS Jobs for Consultant Cardiothoracic Anaesthetist job (opens in a</u> <u>new window)</u> [10]

• Staff Nurse - Cardiothoracic

Wolverhampton, WV10 0QP Salary: £29970.00 to £36483.00 Type: Permanent Employer: The Royal Wolverhampton NHS Trust Apply now on NHS Jobs for Staff Nurse - Cardiothoracic job (opens in a new window) [11]

Lead Cardiothoracic Physiotherapist

London, SW5 0TU Salary: Negotiable Type: Permanent Employer: Cromwell Hospital <u>Apply now on NHS Jobs for Lead Cardiothoracic Physiotherapist job (opens in a</u> <u>new window)</u> [12]

• Cardiothoracic Theatre Scrub Practitioner

Plymouth, PL6 5DH

Salary: £29970.00 to £36483.00 Type: Permanent Employer: University Hospitals Plymouth NHS Trust Apply now on NHS Jobs for Cardiothoracic Theatre Scrub Practitioner job (opens in a new window) [13]

Cardiothoracic Anaesthesia & Critical Care Fellow

Headington, OX3 9DU

Salary:

£61825.00 to £70425.00

Type:

Fixed-Term

Employer:

Oxford University Hospitals NHS Foundation Trust Apply now on NHS Jobs for Cardiothoracic Anaesthesia & Critical Care Fellow job (opens in a new window) [14]

• Cardiothoracic Cardiology Staff Nurse - Ward

City of London, EC1A 7BS

Salary: £38000.00 to £38000.00 Type: Permanent Employer: Nuffield Health Apply now on NHS Jobs for Cardiothoracic Cardiology Staff Nurse - Ward job (opens in a new window) [15]

• Trust Doctor (ST1/2) in Cardiothoracic Surgery

London, EC1A 7BE

Salary: £41750.00 to £64288.00 Type: Fixed-Term Employer: Barts Health NHS Trust Apply now on NHS Jobs for Trust Doctor (ST1/2) in Cardiothoracic Surgery job (opens in a new window) [16]

Cardiothoracic Anaesthesia & Cardiac Intensive Care Fellowship -ST3+

Blackpool, FY3 8NR

Salary:

£61825.00

Type:

Fixed-Term

Employer:

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Blackpool Teaching Hospitals NHS Foundation Trust

<u>Apply now on NHS Jobs for Cardiothoracic Anaesthesia & Cardiac Intensive Care</u>

<u>Fellowship - ST3+ job (opens in a new window)</u> [17]
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• Consultant Oral Surgeon

Hereford, HR1 2ER Salary: £105504.00 to £139882.00 Type: Permanent Employer: Wye Valley NHS Trust Apply now on NHS Jobs for Consultant Oral Surgeon job (opens in a new window)

• Consultant Dermatology Surgeon

Grimsby, DN31 2BH Salary: £105000.00 to £139882.00 Type: Permanent Employer: HCRG Care Group <u>Apply now on NHS Jobs for Consultant Dermatology Surgeon job (opens in a new</u> window) [19]

• Consultant Hand Surgeon

Doncaster, DN40TG Barnsley, S71 1TH Sheffield, S105UB Sheffield, S80YH Sheffield, S61GA Rotherham, S639EH Barnsley, S728SU Sheffield, S56AZ Salary: Negotiable Type: Locum Employer: HealthHarmonie Apply now on NHS Jobs for Consultant Hand Surgeon job (opens in a new window) [20]

Consultant Dermatology Surgeon

Scunthorpe, DN15 6HX

Salary: £105000.00 to £139882.00 Type: Permanent Employer: HCRG Care Group Apply now on NHS Jobs for Consultant Dermatology Surgeon job (opens in a new window) [21]

• Consultant Spinal Surgeon

Sheffield, S11 8UX Salary: Negotiable Type: Permanent Employer: One Health Group <u>Apply now on NHS Jobs for Consultant Spinal Surgeon job (opens in a new</u> window) [22]

• Consultant Orthopaedic Surgeon

Torquay, TQ2 7AA

Salary: £105504.00 to £139882.00 Type: Fixed-Term Employer: Torbay and South Devon NHS Foundation Trust <u>Apply now on NHS Jobs for Consultant Orthopaedic Surgeon job (opens in a new</u> window) [23]

Trust Fellow in Cardiothoracic Anaesthesia & Intensive Care (ST3+)

Newcastle upon Tyne, NE7 7DN

Salary:

£61825.00 to £70425.00

Type:

Fixed-Term

Employer:

The Newcastle upon Tyne Hospitals NHS Foundation Trust <u>Apply now on NHS Jobs for Trust Fellow in Cardiothoracic Anaesthesia & Intensive</u> <u>Care (ST3+) job (opens in a new window)</u> [24]

Specialist committee member - Surgeon

Virtual, M1 4BT Salary: £1.00 to £300.00 Type: Voluntary Employer: NICE – The National Institute for Health and Care Excellence Apply now on NHS Jobs for Specialist committee member - Surgeon job (opens in a new window) [25]

Locum Consultant Urological Surgeon

Northampton, NN1 5BD

Salary:

£105504.00 to £139882.00

Type:

Fixed-Term

Employer:

Northampton General Hospital

Apply now on NHS Jobs for Locum Consultant Urological Surgeon job (opens in a new window) [26]

Consultant Oncoplastic Breast Surgeon

Birmingham, B15 2TH

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

University Hospitals Birmingham NHS Foundation Trust Apply now on NHS Jobs for Consultant Oncoplastic Breast Surgeon job (opens in a <u>new window)</u> [27]

Consultant Oral & Maxillofacial Surgeon

Northampton, NN1 5DB

Salary: £105504.00 to £139882.00 Type: Permanent Employer: Northampton General Hospital Apply now on NHS Jobs for Consultant Oral & Maxillofacial Surgeon job (opens in a new window) [28]

Consultant Oncoplastic Breast Surgeon

Northampton, NN1 5BD

Salary: £105504.00 to £139882.00 Type: Permanent Employer: Northampton General Hospital <u>Apply now on NHS Jobs for Consultant Oncoplastic Breast Surgeon job (opens in a new window)</u> [29]

Consultant Vascular & Endovascular Surgeon

Liverpool, L9 7AL
Salary:
£105504.00 to £139882.00
Туре:
Permanent
Employer:
Liverpool University Hospitals NHS Foundation Trust
Apply now on NHS Jobs for Consultant Vascular & Endovascular Surgeon job
(opens in a new window) [30]

• Locum Consultant Orthopaedic Surgeon

Tooting, SW17 0QT Salary: £105504.00 to £139882.00 Type: Locum Employer: St George's University Hospitals NHS Foundation Trust Apply now on NHS Jobs for Locum Consultant Orthopaedic Surgeon job (opens in a new window) [31]

Locum Consultant Urological Surgeon

Stockport, SK2 7JE Salary: £105504.00 to £139882.00 Type: Fixed-Term Employer: Stockport NHS Foundation Trust Apply now on NHS Jobs for Locum Consultant Urological Surgeon job (opens in a new window) [32]

Consultant Gastroenterologist/ Colorectal Surgeon

Manchester, M22 4DB

Salary:

Negotiable

Type:

Permanent

Employer:

Beacon Medical Services Group Ltd Apply now on NHS Jobs for Consultant Gastroenterologist/ Colorectal Surgeon job

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(opens in a new window) [33]
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Locum Consultant General Surgeon

Harrow, HA1 3UJ Salary: £105504.00 to £139882.00 Type: Fixed-Term Employer: London North West University Healthcare NHS Trust Apply now on NHS Jobs for Locum Consultant General Surgeon job (opens in a <u>new window)</u> [34]

Locum Consultant Plastic Surgeon

Middlesbrough, TS4 3BW Salary: £105504.00 to £139882.00 Type: Permanent Employer: South Tees Hospitals NHS Foundation Trust Apply now on NHS Jobs for Locum Consultant Plastic Surgeon job (opens in a new window) [35]

Locum Consultant Plastic Surgeon

Birmingham, B15 2TH Salary: £105504.00 to £139882.00 Type: Fixed-Term Employer: University Hospitals Birmingham NHS Foundation Trust Apply now on NHS Jobs for Locum Consultant Plastic Surgeon job (opens in a new window) [36]

Consultant Orthopaedic Revision Hip Surgeon

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 Orthopaedic Revision Hip Surgeon job (opens in a new window) [37]

Fellowship-trained Foot & Ankle Surgeon

Sheffield, S11 8UX

Salary: Negotiable Type: Permanent Employer: One Health Group Apply now on NHS Jobs for Fellowship-trained Foot & Ankle Surgeon job (opens in a new window) [38]

• Consultant Hip and Knee Surgeon

Sheffield, S11 8UX

Salary:

Negotiable

Type: Permanent

Employer:

One Health Group

Apply now on NHS Jobs for Consultant Hip and Knee Surgeon job (opens in a new window) [39]

• Consultant General Surgeon (Upper GI)

Sheffield, S11 8UX

Salary:

Negotiable

Type:

Permanent

Employer:

One Health Group Apply now on NHS Jobs for Consultant General Surgeon (Upper GI) job (opens in a new window) [40]

• Consultant Orthopaedic and Oncology Surgeon

Oswestry, SY10 7AG

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

Robert Jones and Agnes Hunt Orthopaedic Hospital NHS Foundation Trust Apply now on NHS Jobs for Consultant Orthopaedic and Oncology Surgeon job (opens in a new window) [41]

Treatment Doctor / Surgeon - 15 hours

Birmingham, B30 1DB

Salary:

£101000.00 to £151000.00

Type: Permanent Employer: British Pregnancy Advisory Service (BPAS) Apply now on NHS Jobs for Treatment Doctor / Surgeon - 15 hours job (opens in a new window) [42]

Consultant General Surgeon (Lower GI)

Sheffield, S11 8UX

Salary:

Negotiable

Type:

Permanent

Employer:

One Health Group

Apply now on NHS Jobs for Consultant General Surgeon (Lower GI) job (opens in a new window) [43]

Consultant Orthopaedic Surgeon (Shoulder & Elbow)

Torquay, TQ2 7SS

Salary: £105504.00 to £139882.00 Type: Permanent Employer: Torbay and South Devon NHS Foundation Trust Apply now on NHS Jobs for Consultant Orthopaedic Surgeon (Shoulder & Elbow) job (opens in a new window) [44]

• Treatment Doctor / Surgeon - 7.5 hours

Reading, RG1 4QA

Salary:

£101000.00 to £151000.00

Type:

Permanent Employer:

British Pregnancy Advisory Service (BPAS)

Apply now on NHS Jobs for Treatment Doctor / Surgeon - 7.5 hours job (opens in a new window) [45]

• Locum Consultant Plastic Reconstruction surgeon

Plymouth, PL6 8DH

Salary: £105504.00 to £139882.00 Type: Locum Employer: University Hospitals Plymouth NHS Trust Apply now on NHS Jobs for Locum Consultant Plastic Reconstruction surgeon job (opens in a new window) [46]

Consultant Orthopaedic Surgeon - Foot and Ankle

Shepton Mallet, BA4 4LP Salary: Negotiable Type: Permanent Employer: Practice Plus Group Apply now on NHS Jobs for Consultant Orthopaedic Surgeon - Foot and Ankle job (opens in a new window) [47]

Locum Consultant Oral & Maxillo Facial Surgeon

London, E9 6SR

Salary: £105504.00 to £139882.00 Type: Fixed-Term Employer: Homerton Healthcare NHS Foundation Trust Apply now on NHS Jobs for Locum Consultant Oral & Maxillo Facial Surgeon job (opens in a new window) [48]

• Consultant ENT Head & Neck Cancer Surgeon

Rhyl, LL18 5UJ Salary: £106000.00 to £154760.00 Type: Permanent Employer: Betsi Cadwaladr University Health Board Apply now on NHS Jobs for Consultant ENT Head & Neck Cancer Surgeon job (opens in a new window) [49]

Consultant Plastic Surgeon (Interest in Breast & Skin)

Stoke on Trent, ST4 6QG

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

University Hospital of North Midlands NHS Trust Apply now on NHS Jobs for Consultant Plastic Surgeon (Interest in Breast & Skin) job (opens in a new window) [50]

Consultant General Surgeon with SI in Benign Biliary

Lincoln, LN2 5QY

Salary: £105504.00 to £139882.00 Type: Permanent Employer: United Lincolnshire Hospitals NHS Trust Apply now on NHS Jobs for Consultant General Surgeon with SI in Benign Biliary job (opens in a new window) [51]

Consultant Surgeon with a Special Interest in Dermatology

Kettering, NN16 8UZ

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

Kettering General Hospital NHS Foundation Trust Apply now on NHS Jobs for Consultant Surgeon with a Special Interest in Dermatology job (opens in a new window) [52]

Consultant Plastic Surgeon WSI Burns, Skin & Perineal Reconstruction

Chelmsford, CM1 7ET

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

Mid and South Essex NHS Foundation Trust Apply now on NHS Jobs for Consultant Plastic Surgeon WSI Burns, Skin & Perineal Reconstruction job (opens in a new window) [53]

Consultant ENT Surgeon Special interest in Paediatric ENT

Birmingham, B15 2TH

Salary: £105504.00 to £139882.00 Type: Permanent Employer: University Hospitals Birmingham NHS Foundation Trust Apply now on NHS Jobs for Consultant ENT Surgeon Special interest in Paediatric ENT job (opens in a new window) [54]

• Locum Consultant Surgeon in Oral & Maxillo Facial Surgery

London, E9 6SR

Salary:

£105504.00 to £139882.00

Type:

Fixed-Term Employer:

Homerton Healthcare NHS Foundation Trust

Apply now on NHS Jobs for Locum Consultant Surgeon in Oral & Maxillo Facial Surgery job (opens in a new window) [55]

• Consultant General Surgeon with SI in Ab Wall Reconstruction

Lincoln, LN2 5QY

Salary:

£105504.00 to £139882.00

Type:

Permanent

Employer:

United Lincolnshire Hospitals NHS Trust Apply now on NHS Jobs for Consultant General Surgeon with SI in Ab Wall Reconstruction job (opens in a new window) [56]

Consultant Plastic Surgeon with a special interest in Gender Surgery

London, SW10 9NH Salary: £105504.00 to £139882.00 Type: Permanent Employer: Chelsea and Westminster Hospital NHS Foundation Trust Apply now on NHS Jobs for Consultant Plastic Surgeon with a special interest in Gender Surgery job (opens in a new window) [57]

• Further information

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

Royal College of Surgeons [58]

Royal College of Surgeons of Edinburgh [59]

Royal College of Physicians and Surgeons of Glasgow [60]

Society for Cardiothoracic Surgery in Great Britain and Ireland [61]

And hear from people working as cardiothoracic surgeons.

A career in cardiothoracic surgery (BMJ) [62]

A day in the life of a thoracic surgeon (CTSNET) [63]

A day in a heart surgeon's life (CTSNET) [64]

Other roles that may interest you

- Cardiologist [65]
- Emergency medicine [66]
- <u>Respiratory medicine</u> [67]
- Knowledge and library services [68]

Source URL:<u>https://www.healthcareers.nhs.uk/explore-roles/doctors/roles-doctors/surgery/cardiothoracic-</u> surgery?career=hcsw&field_field_role=344&page=9

Links

[1] https://www.healthcareers.nhs.uk/glossary#Intensive_care [2] https://www.healthcareers.nhs.uk/glossary#Stroke [3] https://www.healthcareers.nhs.uk/glossary#Foundation_training [5] https://www.healthcareers.nhs.uk/glossary#Foundation_training [5] https://www.healthcareers.nhs.uk/explore-roles/doctors/career-opportunities-doctors/sas-doctors [6] https://www.healthcareers.nhs.uk/explore-roles/doctors/pay-doctors [7] https://www.healthcareers.nhs.uk/explore-roles/doctors/roles-doctors/surgery/cardiothoracic-surgery/reallife-story-omal-jarral [8] https://foundationprogramme.nhs.uk/ [9] https://specialtytraining.hee.nhs.uk/ [10] https://beta.jobs.nhs.uk/candidate/jobadvert/C9410-25-0108 [11] https://beta.jobs.nhs.uk/candidate/jobadvert/C9225-25-0268 [12] https://beta.jobs.nhs.uk/candidate/jobadvert/C9216-25-0743 [14] https://beta.jobs.nhs.uk/candidate/jobadvert/C9321-25-0767 [15] https://beta.jobs.nhs.uk/candidate/jobadvert/E0302-25-0823 [16] https://beta.jobs.nhs.uk/candidate/jobadvert/C9259-25-1404 [17] https://beta.jobs.nhs.uk/candidate/jobadvert/C9382-25-0130 [18] https://beta.jobs.nhs.uk/candidate/jobadvert/C9229-25-0378 [19] https://beta.jobs.nhs.uk/candidate/jobadvert/E0279-25-1075 [20] https://beta.jobs.nhs.uk/candidate/jobadvert/U0024-25-0036SYO [21] https://beta.jobs.nhs.uk/candidate/jobadvert/E0279-25-1077 [22] https://beta.jobs.nhs.uk/candidate/jobadvert/B0103-25-0027 [23] https://beta.jobs.nhs.uk/candidate/jobadvert/C9388-25-0777 [24] https://beta.jobs.nhs.uk/candidate/jobadvert/C9317-25-0809 [25] https://beta.jobs.nhs.uk/candidate/jobadvert/G9907-25-0078 [26] https://beta.jobs.nhs.uk/candidate/jobadvert/C9265-25-0261 [27] https://beta.jobs.nhs.uk/candidate/jobadvert/C0020-25-1043 [28] https://beta.jobs.nhs.uk/candidate/jobadvert/C9265-25-0264 [29] https://beta.jobs.nhs.uk/candidate/jobadvert/C9265-25-0256 [30] https://beta.jobs.nhs.uk/candidate/jobadvert/C9287-25-0987 [31] https://beta.jobs.nhs.uk/candidate/jobadvert/C9200-25-0756 [32] https://beta.jobs.nhs.uk/candidate/jobadvert/C9362-25-0516 [33] https://beta.jobs.nhs.uk/candidate/jobadvert/E0312-25-0000 [34] https://beta.jobs.nhs.uk/candidate/jobadvert/C9337-25-2661 [35] https://beta.jobs.nhs.uk/candidate/jobadvert/C9328-25-0666 [36] https://beta.jobs.nhs.uk/candidate/jobadvert/C0020-25-1065 [37] https://beta.jobs.nhs.uk/candidate/jobadvert/C9262-25-0811 [38] https://beta.jobs.nhs.uk/candidate/jobadvert/B0103-25-0024 [39] https://beta.jobs.nhs.uk/candidate/jobadvert/B0103-25-0025 [40] https://beta.jobs.nhs.uk/candidate/jobadvert/B0103-25-0026 [41] https://beta.jobs.nhs.uk/candidate/jobadvert/C9224-25-0153 [42] https://beta.jobs.nhs.uk/candidate/jobadvert/B0201-MED-TOPS24-15-6 [43] https://beta.jobs.nhs.uk/candidate/jobadvert/B0103-25-0021 [44] https://beta.jobs.nhs.uk/candidate/jobadvert/C9388-25-0776 [45] https://beta.jobs.nhs.uk/candidate/jobadvert/B0201-MED-TOPS-REA-3 [46] https://beta.jobs.nhs.uk/candidate/jobadvert/C9216-25-0787 [47] https://beta.jobs.nhs.uk/candidate/jobadvert/E0314-25-2223 [48] https://beta.jobs.nhs.uk/candidate/jobadvert/C9293-25-0263 [49] https://beta.jobs.nhs.uk/candidate/jobadvert/H9050-25-1327 [50] https://beta.jobs.nhs.uk/candidate/jobadvert/C9205-25-0867 [51] https://beta.iobs.nhs.uk/candidate/iobadvert/C9357-25-0547 [52] https://beta.jobs.nhs.uk/candidate/jobadvert/C9264-25-0218 [53] https://beta.jobs.nhs.uk/candidate/jobadvert/C9390-25-1281 [54] https://beta.jobs.nhs.uk/candidate/jobadvert/C0020-25-1048 [55] https://beta.jobs.nhs.uk/candidate/jobadvert/C9293-25-0266 [56] https://beta.jobs.nhs.uk/candidate/jobadvert/C9357-25-0548 [57] https://beta.jobs.nhs.uk/candidate/jobadvert/C9289-25-0117 [58] http://www.rcseng.ac.uk/ [59] http://www.rcsed.ac.uk [60] http://www.rcpsg.ac.uk [61] http://www.scts.org [62] http://careers.bmj.com/careers/advice/view-article.html?id=20001067 [63] http://www.ctsnet.org/article/day-life-thoracic-surgeon [64] http://www.ctsnet.org/article/day-heartsurgeons-life [65] https://www.healthcareers.nhs.uk/explore-roles/doctors/rolesdoctors/medicine/cardiology [66] https://www.healthcareers.nhs.uk/explore-roles/doctors/rolesdoctors/emergency-medicine [67] https://www.healthcareers.nhs.uk/explore-roles/doctors/rolesdoctors/medicine/respiratory-medicine [68] https://www.healthcareers.nhs.uk/explore-roles/healthinformatics/roles-health-informatics/knowledge-and-library-services