

SOUTH TEES HOSPITALS NHS FOUNDATION TRUST

CLINICAL SPINAL FELLOW (Trust Registrar/ST6 level)

SPINAL SURGERY

THE TRUST

South Tees Hospitals NHS Trust provides health care from two main sites – The James Cook University Hospital in Middlesbrough and the Friarage Hospital in Northallerton.

The Trust is the cancer centre within the Teesside, South Durham and North Yorkshire Cancer Care Alliance and Trauma Level I Centre. The Regional Spinal Injuries Unit provides a comprehensive Spinal Cord Injury service for the North of England (population 3.4 million).

The Trust is a district general hospital for:

Around 270,000 people living in Middlesbrough and the local area of Redcar and Cleveland 122,000 people in an area stretching from the North Yorkshire Moors to the central Pennines, the borders of York district in the south and the borders of Darlington in the west.

It also covers a range of highly specialist services extending to 1.5million people in Teesside and parts of Cumbria, Durham and North Yorkshire with leading expertise in heart disease, cancer, trauma, neurosciences, renal services and spinal injuries.

South Tees was given trust status in 1992, incorporating three hospitals across Middlesbrough. It merged with the Friarage Hospital in Northallerton in April 2002, and now provides all secondary care to Middlesbrough, Langbaugh and Hambleton & Richmondshire PCTs, a population of approximately 400,000. It also provides tertiary services to the wider Tees valley area, and parts of County Durham, North Yorkshire and Cumbria.

Medical specialities within The James Cook University Hospital include Cardiology, Respiratory Medicine, Neurology, Gastroenterology, Diabetes and Endocrinology, Nephrology, Haematology, Elderly Care, Genito Urinary Medicine, Brachytherapy, Dermatology, Rheumatology and Rehabilitative Medicine.

Surgical specialities include Cardiothoracic surgery, Neurosurgery, Ophthalmology, Otolaryngology, Vascular Surgery, Plastic and Reconstructive Plastic Surgery, Burns, Urology, Orthopaedic and Trauma Surgery, Maxillofacial and Orthodontics. There is also Paediatric and Neonatal Medicine, which are linked with Obstetrics and Gynaecology.

THE JAMES COOK UNIVERSITY HOSPITAL

A multi-million pound redevelopment on The James Cook University Hospital site is one of the Government's Private Finance Initiative hospitals and is the largest hospital – with a wide range of specialities on one site – of its type in Europe. This hospital was officially opened in October 2003 and has a capacity of 1,007 beds. Based on the original site of South Cleveland Hospital, which first opened in 1981, all acute and elective medical and surgical specialities are accommodated on this site. Tertiary services, in addition to cardiology and cardiac surgery, include renal medicine/haemodialysis, neurosurgery, vascular surgery and the regional spinal cord injuries centre.

The Regional Ultrasound School, School of Midwifery and School of Anaesthesia are also on site.

This site contains a modern central operating suite containing 22 well-equipped theatres, with two recovery areas. This is immediately adjacent to an Adult Surgical Day Unit containing a further three theatres and also to the Paediatric Day Unit. The 20 bedded general ICU is across the corridor. 4 There is also a paediatric ICU. Two additional theatres for gynaecology and obstetrics are in the Central Delivery Suite and two more in the Ophthalmology Day Unit.

The Accident and Emergency Department on this site is the designated Major Trauma Centre for Teesside, South Durham and North Yorkshire. The hospital has a 24-hour Acute Admissions Unit.

There is a 21 room imaging department equipped with a full range of mainly digital modalities offering 24/7 MRI and CT, a trust-wide PACS system and a purpose built 6 bed Radiology Day Unit. A Medical Physics Department is also on this site together with isotope imaging.

The central clinical laboratory provides a comprehensive pathology service with electronic links to wards and departments and electronic requesting is being piloted.

There is a purpose-built Endoscopy centre.

The hospital has a comprehensive tertiary level fertility service and houses the Gynaecology Cancer Centre (North of England Cancer Network).

The hospital caters for more than 4000 deliveries in purpose built delivery and low dependency suites. The birth rate is increasing. Foetal medicine and high dependency delivery referrals are accepted.

There is a regional tertiary neonatal intensive care unit with 9 intensive cots, which accepts both local and regional admissions. It supports a neonatal transport service and has a strong academic record. Any babies born at the Friarage hospital (c1100 deliveries per year) requiring intensive care are transferred to this unit.

There is an established Academic Centre embracing postgraduate medical education, Nurse Training School, the School of Radiography and library facilities. It encompasses two large lecture theatres with the latest audio-visual aids and a considerable number of classrooms and seminar rooms, including ward facilities for teaching and examining. There is a new library with comprehensive IT suite.

A dedicated undergraduate teaching centre has been commissioned recently and there are plans to have a dedicated simulation-training centre on site in the near future. An accredited major trauma receiving hospital, it contributes to UK Trauma, Audit & Research Network (UK TARN). It occupies a leading UK position in its survival rates from blunt trauma as evidenced from UK TARN.

THE FRIARAGE HOSPITAL

The Friarage Hospital at Northallerton, situated approximately 23 miles from The James Cook site, merged with South Tees Hospitals NHS Foundation Trust in April 2002. It provides a wide range of secondary services to its local population and is well known for its friendly atmosphere. A fully equipped district general hospital with 314 beds, it provides a 24-hour accident & emergency service and offers inpatient and outpatient facilities in general surgery including colorectal, breast (including mobile screening) and urology services, orthopaedics and trauma. Medical specialties include acute medicine, diabetes and

endocrinology, rheumatology, gastroenterology, respiratory and rehabilitation medicine. Inpatient and outpatient obstetrics/gynaecology, paediatrics and adult psychiatry services are on site. Cardiology, encompassing CCU and cardiography, functions as a self-contained unit but is part of the cardiology directorate. There are two cardiologists in post. Increasing integration of the cardiology services across the two sites is planned.

The hospital is furnished with a well-equipped medical library with facilities for electronic searching of medical databases and access to the Internet. A full programme of postgraduate educational meetings is held on this site.

Support services on this site include haematology, chemical pathology, histopathology, microbiology, physiotherapy, occupational therapy and speech and language therapy. Patients requiring 5 cardiothoracic or neurosurgical services, nuclear medicine or MRI scanning are referred to other hospitals including The James Cook University Hospital and Leeds General Infirmary (45 miles). The Ministry of Defence Hospital Unit (MDHU) has been based at the Friarage since July 1999 with contribution of military doctors, nurses and other staff who are integrated into the hospital's services.

EDUCATION, TEACHING, RESEARCH

The modern Academic Centre at The James Cook University Hospital is housed within two linked buildings. They contain two large lecture theatres, which have audio-visual links. There are many seminar rooms of varying sizes, which are used for teaching, demonstrations, lectures and conferences. There is a new library which is well equipped with most of the general and specialist journals relevant to the Trust's clinical activity. There is a large IT suite of over 40 stations within the library complex. The Academic Centre also houses the Clinical Trials Unit which has recently been extended with links to the unit at the Royal Victoria Infirmary in Newcastle. Clinicians who are interested in developing a clinical trials programme are encouraged to contact the Research & Development Department. There are close links with the College of Health at Teesside University for the training of nurses and midwives, radiographers and physiotherapists. There is an active postgraduate district and divisional curriculum on site based in the postgraduate education centre under the direction of a university clinical tutor. There is an up-to-date medical library within this centre. Consultants are expected to undertake activities suitable for continuing medical education in accordance with Royal Colleges.

As part of the national expansion of medical student numbers, the Universities of Newcastle and Durham have formed a partnership increasing the undergraduate intake to 340 students. The first two years of the curriculum are being taught at the Queen's Campus of the University of Durham in Stockton as well as the Medical School in Newcastle. Currently it is planned that 102 students will be based in Stockton and 245 in Newcastle including 25 in the accelerated programme. At the end of year 2 the entire cohort of students will be divided up for their third year between base units of acute and community trusts and PCTs around the Northern Region. South Tees has been designated the lead trust for the Teesside Unit which currently comprises Bishop Auckland and Darlington, North Tees and Hartlepool, as well as South Tees and the corresponding Mental Health Trusts of Tees, Wear and Esk Valley and South Durham and the associated PCTs. In order to accommodate these medical students, a new purpose-built clinical Academic Centre, including a teaching unit, has recently been completed at The James Cook University Hospital. There are active plans to further develop both teaching and research within the Trust including the appointment of a new Chair in Rheumatology (Newcastle) and Cardiology (Durham). Research is actively encouraged. The Trust employs several visiting Professors (Orthopaedics (3), Anaesthetics (2), Academic Emergency Medicine (1), Paediatrics (1), Medicine (1), Surgery (1) and Maxillofacial Surgery (1). The Sub-Dean of the Medical School (Professor Bilous) is also based at JCUH. As a result of these activities the Trust was designated a University Hospital in 2002.

LOCAL AMENITIES

Leisure/Recreation

There are major shopping centres at Teesside Park Middlesbrough and Darlington. Newcastle and Gateshead Metro Centre are within reach, as are the historical Cities of York and Durham. Hartlepool Marina and Hartlepool Historic Quay and Maritime Museum are part of a multi-million pound development also only a short distance away. The historic spa town of Harrogate is within easy reach of Northallerton.

There are excellent facilities in the area for most sports, including golf, swimming, squash, rugby, cricket and tennis. There is an excellent indoor tennis centre (David Lloyd) close to the Durham University campus in Teesdale (4 miles from the James Cook University Hospital) and there are excellent golf courses at Wynyard and Romanby near Northallerton with driving range facility. The Tees Barrage has allowed the creation of simulated white water canoeing and rafting centre in Teesdale that attracts canoeing enthusiasts from all over the UK.

There is easy access to the coast, the North Yorkshire Moors National Park, the Pennines and Dales. There is an extensive range of recreational and cultural facilities in the immediate vicinity. The Cleveland hills offers opportunities for a variety of outdoor pursuits, including rambling, gliding and hang-gliding. There is active support for the arts in the region, both at professional and amateur level, with a wide range of cultural events and activities available. These include theatre, ballet, opera and all types of music, as well as a variety of museums.

There are multi-screen cinemas in Middlesbrough, Teesside Park (Stockton), Hartlepool Marina and Metro Centre (Newcastle) with bowling facilities at Teesside Park and the Metro Centre. Middlesbrough, Stockton, Yarm, Stokesley, Great Ayton and Northallerton have a number of pubs serving food and with facilities for children. The majority of small towns and villages surrounding Middlesbrough and Northallerton have excellent restaurants offering a variety of different cuisine.

The enthusiastic spectator can follow all football, rugby and cricket. Middlesbrough Football Club has a superb new ground on the developing Middlehaven site, close to the banks of the river Tees (Riverside Stadium).

Housing

There is a choice of housing in comfortable residential areas in the many pleasant rural and urban areas in the surrounding countryside and within easy reach of the trust. Stokesley, Great Ayton, Eaglescliffe, Yarm and the surrounding villages offer a range of quality houses at sensible prices, among the lowest in the UK. A range of executive houses is available, including exclusive developments at Wynyard, Nunthorpe and surrounding villages. Marske and Saltburn offer the opportunity to live by the sea and there are many beautiful village locations at the edge of the Dales National Park area accessible from Northallerton.

Education

The James Cook University Hospital has an on site crèche open from 0730 until 1800hrs. There is a complete range of educational facilities ranging from nursery to higher education, with Universities at Teesside, Durham, Sunderland and Newcastle, offering a wide choice of degree courses. The local secondary schools are comprehensive and many in Nunthorpe,

Stokesley, Yarm and Eaglescliffe enjoy an excellent national reputation with high positions in the league tables. There are also excellent local private schools in Yarm and Eaglescliffe as well as a number of first class preparatory and public schools in the area.

Transport

Road communication is excellent in all directions allowing quick and easy commuting.

Road: The A19 links to the A1 (M) and the A66 links Teesside to the beautiful Lake District and Cumbria. Travel time to the Lake District is just 1.5 hours by car. Whitby and York are just 1 hour away

Rail: Darlington and Northallerton railway stations are only a short driving distance away, from which London is 2.5 hours away and Edinburgh 2 hours.

Air: Durham and Tees Valley International Airport is also about twenty minutes from Middlesbrough and has frequent services to London, Amsterdam, Dublin and a large number of holiday destinations both in the UK and abroad.

Newcastle and Leeds/Bradford International Airports are within easy driving distance.

SPINAL AND CRANIAL SURGERY DIRECTORATE CONSULTANT/CLINICAL STAFF

There are 13 Consultants, with the following sub-speciality interests

CONSULTANT	SPECIAL INTERESTS
The James Cook University Hospital	
Mr Z Choudhury	Spinal surgery and paediatric deformity
Mr A Alrawi	Complex Spinal surgery
Ms A Isaacson/ Mr P Karpe	Spinal surgery and paediatric deformity – Cross Site James Cook/ North Tees
Mr F Aziz	Complex spinal surgery, Spinal trauma
Mr P Janous	Surgery for degenerative spinal disease, Spinal trauma
Mr S Tizzard	Complex spinal surgery, Spinal trauma
Mr M Prasad	Cervical spine, Skull base surgery, CP angle surgery, neurovascular surgery, Trigeminal neuralgia, Neurotrauma and Medical Education.
Mr A Varma	Neuro Oncology, Endoscopic neurosurgery, pituitary surgery
Mr N Mukerji	Neurovascular surgery, CP angle surgery
Mr S Khan	Neurovascular, Skull Base and Cervical Spinal surgery
Mr J Pesic- Smith	Neuro Oncology

There are 6 higher surgical trainees as well as 1 associate specialist, one senior spinal fellow, two spinal fellows (these posts) and 2 trust fellows

Junior Staff

2 Trust Doctors and 3 FY2 posts

SPINAL SERVICES

The spinal team comprises:

Four orthopaedic spinal surgeons (note currently recruiting to another vacancy)
Mr Alrawi, Mr Choudhury, Ms Isaacson and Mr Karpe

Four spinal neurosurgeons

Mr Tizzard, Mr Janous, Mr Khan and Mr Aziz

There is a joint on-call rota for spinal emergencies. The orthopaedic Spinal team is supported by an associate specialist, Senior fellow, a rotating registrar, two fellows (this post), and a nurse specialist for Paediatric Spine(see below). The Regional Spinal Cord Injury Centre is located at The James Cook University Hospital, and serves the whole of Northern England.

The spinal centre deals with all spinal pathology including paediatric and adult deformity, trauma (designated major trauma centre), malignant disease (Cancer centre), Infection and degenerative conditions. There is twenty four hour scanning with consultant radiologist support.

There is a neurophysiology department, a large neurology department and spinal cord monitoring. Joint working with the paediatricians is backed up by a Paediatric ITU, and there are twenty four adult ITU beds. A Scoliosis Specialist Nurse provides support to the scoliosis service. Joint meetings of the centre take place weekly.

Three full day spinal operating lists run at the James Cook University Hospital each week and one list per month at the Friarage Hospital.

THE POST

You will be responsible for the day-to-day management of (Orthopaedic) spinal surgery patients. You will be responsible to the consultant of the firm and will be expected to assist in the operating theatre and operate supervised by the consultant or unsupervised in selected cases depending on his/her seniority.

It is anticipated that the post would enable the post holder to complete most requirements for experience towards completing the FRCS- this is self directed by the fellow according to their own curriculum needs. For those post exam ample opportunities are present for gaining operative experience under normal circumstances.

The Fellows role will be to:

Be part of the day-to-day care of all the patients under the consultant's care on in-patient or out patient basis.

Assist or operate in theatres for elective and emergency work. Special arrangements can be made to attend other theatre sessions by other consultants (orthopaedic, spinal or neurosurgical).

Provide on call cover for the spinal surgeon and the Spinal cord Injury Centre.

The on call is 1 in eight and takes spinal cases only. Major Trauma Cases are admitted initially to the trauma ward. Following the treatment of their injury patients are stepped down from the trauma ward

Attend the functions of the Spinal Surgery Group (x-ray meetings, combined clinics).

Develop and maintain a close working relationship with his colleagues in the Spinal Surgery Group (Orthopaedics and Neurosurgery)

You are expected to present at least 3 papers in the first year and set about to publish one.

The study and research periods will include responsibility for continuing professional development and appointees will be required to keep a portfolio including operative logbook and performance review. They will be expected to become involved in the collection and presentation of audit and outcome specific data.

Elective surgery is carried out in a mixture of clean air implant theatres, neuro theatres and ASA2 and below at Friarage.

The timetable indicates that these posts give time for study and research, subject to agreed working patterns and service needs.

The post-graduate education facilities are based at The James Cook University Hospital. There is a full library facility in the classroom including computers with access to Cochrane Collaboration Database and Internet.

SAMPLE TIMETABLES

Subject to review and alteration based on your educational needs and the needs of the service. VARIABLE DUE TO COVID

Sample A	A M	Scoliosis OT1:4		Theatre JCUH	Research / Spinal Injection list	MDT meeting Adult OPD JCUH
	P M	Scoliosis OT1:4	WR / Audit	Theatre JCUH	Adult OPD FHN	Paed OPD
Sample B	A M	WR / Audit, Research	Theatre JCUH/FHN	Pick up 1:2/ Audit, research	Pick up 1:2	X Ray Meet OPD JCUH
	P M	OPD FHN	Theatre JCUH/FHN	Pick up 1:2/ Audit, research	Pick up 1:2	OPD JCUH

MAIN CONDITIONS OF SERVICE

1. Facilities for study leave are available subject to the criteria laid down under National and Local Agreements.
2. You must be registered with the General Medical Council (London) and their registration status must be full with no restrictions on speciality.
3. The appointment will be for 40 basic hours plus participation in the on call rota.

4. The appointment will be subject to a medical examination with the Trusts Occupational Health Department.
5. The post requires enhanced DBS clearance as the post holder will come into contact with children and vulnerable adults.
6. You are required to give South Tees Hospitals NHS Trust 3 months notification of termination of employment.
8. You will be entitled to annual leave 32 days per annum dependent upon salary. The Trust is committed to CME and CPD and study leave and funding may be granted, subject to Trust procedures.
9. You will undertake the Trusts mandatory training (and/or equivalent induction training)
10. You will have a general duty of care towards colleagues, patients and the general public and act in accordance with the requirements of the Health and Safety at Work Act 1974 and its associated regulations.

EDUCATIONAL SUPERVISION AND APPRAISAL

You will be allocated an Educational Supervisor during the attachment and will receive an annual appraisal along with workplace-based assessments. Support is available for those seeking to obtain a Deanery-approved training programme. There is support for those wishing to apply for a Certificate of Entry to the Specialist Register (CESR) via the article 14 route.

REHABILITATION OF OFFENDERS

The position you have applied for is exempt from the Rehabilitation of Offenders Act 1974 (as amended in England and Wales). When South Tees NHS Foundation Trust is assessing your character and suitability for any such appointment, it is legally permitted to ask for and consider any information relating to unspent (current) and spent (old) criminal convictions, police cautions, final warnings or reprimands which are not protected (or filtered out) by the Rehabilitation of Offenders Act 1974 (Exceptions) Order 1975 (Amendment) (England and Wales) Order 2013. Any failure to disclose such convictions could result in disciplinary action by the Trust. Any information given will be kept in strict confidence and used only in relation to the position in which the order applies.

HEALTH & SAFETY

You will have a general duty of care towards colleagues, patients and the general public and act in accordance with the requirements of the Health and Safety at Work Act 1974 and its associated regulations.

GENERAL INFORMATION

This hospital is now taking part in a The Hospital @ Night initiative. The post holder will be expected to contribute to any local or national projects which will benefit patients.

VISITING ARRANGEMENTS

Short-listed candidates are encouraged to visit the Unit and meet with the prospective colleagues.

PERSONAL SPECIFICATION

SOUTH TEES HOSPITAL NHS FOUNDATION TRUST

THE JAMES COOK UNIVERSITY HOSPITAL

CLINICAL SPINAL FELLOW

SPINAL SURGERY

	ESSENTIAL	DESIRABLE
Professional Qualifications	MRCS (with log book of operations) Full Registration with the General Medical Council.	FRCS(Tr&Orth or SN) or Equivalent or working towards CCT/CESR (or working towards)
Training	Log book of operations (assisted, performed) Experience of working in UK as Junior doctor.	Attendance at appropriate professional courses and meetings.
Experience Clinical	Clinical experience of ST3+ registrar level work	Additional experience in spinal surgery
Audit	Experience of clinical audit. Evidence of participation in audit Regular attendance at and participation in audit meetings.	An understanding of clinical governance.
Teaching		Experience of teaching medical and other staff.

	ESSENTIAL	DESIRABLE
Research/Publications	Experience of clinical research (please submit summary of all your published work and at least 3 of the most important presented papers)	Demonstrate an understanding of research and development issues and participation in research projects.
Professional Interests	Commitment to CPD and knowledge of up-to-date literature.	Membership of appropriate professional society(s).
Personal Skills Communication Relationships	Ability to communicate and liaise effectively with patients and their relatives, and with other members of the multi-disciplinary team.	
Supervision	Experience in supervision of junior medical staff and relevant staff in other disciplines.	
Self Reliance	Ability to work and make patient management decisions on own initiative, whilst seeking appropriate guidance from colleagues when required.	
Teamwork	Ability to work as a team with professional colleagues, both medical and other disciplines.	
Motivation	Enthusiasm for improving service.	
Physical Requirements	Satisfactory medical clearance from Trust's Occupational Health Department.	