

CURRICULUM VITAE

GEORGE SPINK

2019

AKC MBBS Bsc (Hons)

FRCS (Neurosurg)

PGCME FHEA

GMC 4331050

CURRENT APPOINTMENTS

- Consultant Neurosurgeon, Hull and East Yorkshire NHS trust
- Consultant Neurosurgeon, Spire Hull and East Riding Hospital
- Honorary Consultant, York, Scarborough and North East Yorkshire NHS Trusts
- Year 1 Academic Tutor, HYMS (Hull/York Medical School)
- Honorary Senior Clinical tutor, Hull University
- Honorary President York Surgical Society

Currently I am one of the senior surgeons in a Neurosurgical team providing services in the East Yorkshire and North Lincolnshire region (approx. pop 1.6M). For 8 years I was the clinical leader of the spinal team for this service.

My elective practice is entirely spinal. I undertake all aspects of elective and emergency spinal surgery (on call 1:5), dealing with complex degenerative deformity, spinal tumours, spinal trauma and joint replacement surgery. I am responsible for helping coordinate the development of spinal surgery services in the region, with particular reference to metastatic spinal cord compression, spinal cord injuries and spinal column fractures. These initiatives are in response to NICE guidelines, NHS acute oncology measures, and Hull University Teaching Hospital's role as a regional MTC.

My role with Hull York Medical School (HYMS) has grown exponentially over the last few years. Initially I was involved with phase 2/3 students for specialist Neuroscience teaching. However, following successful appointment as a phase 1 academic tutor (PBL/CSG) in 2014 I have become more involved, as an academic tutor, a surgical mentor, and a personal mentor for students across all 3 phases. More recently I have assisted HYMS as a principle investigator reporting to a fitness to practice panel, and assisted in mentoring students back to clinical practice following FTP rulings. In addition to these duties I regularly examine for HYMS across all 5 years, having been trained in OSCE, CAT, ICCPE and OSLER formats.

MANAGERIAL RESPONSIBILITIES

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|---------|---|
| 2009-16 | Clinical Lead for Spinal Surgery, Hull and East Yorkshire / North Lincolnshire region |
| 2009-16 | Chair, Regional Spinal MDT |
| 2012-16 | Co-Chair, Neurosurgery Governance team / DATIX investigator |
| 2012-14 | Clinical Lead for Neurosurgery, Hull and East Yorkshire / North Lincolnshire region |
| 2009- | Regional Committee member – Spinal network, MTC, MSCC and SCI committees |

HYMS RESPONSIBILITIES

- | | |
|-------|--|
| 2015- | Surgical and Personal mentor, phase 1 & 2 students |
| 2014- | SSIP scholarship tutor, Neurosurgery |
| 2014- | Year 1 Academic tutor (PBL / CSG) |
| 2010- | Block 23 special senses tutor & SSC tutor, Neurosciences |

ACADEMIC QUALIFICATIONS

2015	PCGME (Medical Education) – Masters level
2008	CCT in Neurosurgery
2006	FRCS (Neurosurg) Eng
1999	MRCS (Eng)
1996	MBBS (Lond) - Distinction in Surgery
1993	BSc. (Anatomy with physiology) - First Class Honours
1992	AKC (Theology)

HYMS AWARDS

2018	Outstanding contribution to student experience award
2017	Clinical excellence in teaching (phase 2)
2017	Outstanding clinical team award (phase 2)
2016	Clinical excellence in teaching (phase 1)
2015	Clinical excellence in teaching (phase 2)
2014	Outstanding clinical team award (phase 2)

MEDICAL SCHOOL AWARDS

1996	Cheyne-Edmunds Surgical Scholar and Buxton Prize in Orthopaedic Surgery
1995	Carghill Prize in Ophthalmology and MPS Prize in General Medicine

NEUROSURGICAL EXPERIENCE

Jan.2009 -	Consultant Neurosurgeon (Specialty & Subspecialty lead clinician) Hull University Teaching Hospital, Hull
Feb.2008 - Nov 2008	Consultant Neurosurgeon (Complex Spinal / Neuro-oncology) John Radcliffe Hospital, Oxford
Aug.2006 - Feb.2008	SpR (NTN) Neurosurgery (General / Complex spinal) Queens Hospital, Romford
Feb.2004 - Aug.2006	SpR (NTN) Neurosurgery (General / Complex spinal) Charing Cross Hospital, Hammersmith
Aug.2003 - Feb.2004	SpR (NTN) Neurosurgery (Paediatric) Great Ormond Street Hospital, London
Feb.2003 - Aug.2003	SpR (NTN) Neurosurgery (Complex Spinal) The National Hospital for Neurology and Neurosurgery
Nov.2001 - Feb.2003	SpR (LAT) Neurosurgery (General) The Royal Free Hospital, London
Oct.2001 - Nov.2001	SpR (LAT) Neurosurgery (General) Hurstwood Park, Haywards Heath
Feb.2001 - Oct.2001	SpR (LAT) Neurosurgery (Paediatric) King's College Hospital, London
Feb.2000 - Feb.2001	SHO / Senior SHO in Neurosurgery / NeuroICU (General) Wessex Neurological Centre, Southampton

MEMBERSHIP OF LEARNED SOCIETIES

Society of British Neurological Surgeons (SBNS)

British Association of Spinal Surgeons (BASS)

European Spinal Society (Eurospine)

POSTGRADUATE TRAINING

2015	Spinal implant update meeting (Amsterdam)
2014	Orthopaedic spinal update course (Ulm)
2013	Metastatic / degenerative spine update meeting (Munich)
2011	Orthopaedic spinal surgery training course (Ulm)
2011	Communication Skills training (Hull)
2010	European spinal instrumentation meeting (Amsterdam)
2010	EANS Spine course part 2 (Barcelona – Faculty member)
2010	Commissioning of Trauma services (RCS, Eng)
2010	Training the trainers course (RCS, Eng)
2009	Cervical arthroplasty course (Nottingham)
2009	Image guided spinal surgery course (Munich)
2009	Balloon Kyphoplasty training (Leiden)
2009	Minimal access spinal instrumentation course (Hamburg)
2008	European Hydrocephalus symposium (Barcelona)
2008	Complex Cervical surgery course (Oxford)
2007	EANS Spine Course part 1 (Croatia)
2007	European Hydrocephalus symposium (Switzerland)
2006	FRCS Neurosurgery revision course (London)
2006	Midas Rex Intensive Drilling course (Switzerland)
2005	Operative Neuroanatomy (Leeds)
2004	Medical management for SpR's (Hammersmith)
2003	Management of Spinal injuries (Cardiff)
2003	Approaches to Thoracic and Lumbar Spine (RCS, Eng)
2000	Core skills in Neurosurgery (RCS, Eng)
1999	Critical Care Course (RCS, Eng)
1998	Advanced Trauma Life Support Course (Chichester)
1998	Basic Surgical Skills Course (Brighton)

MEETINGS ATTENDED

Regular attendance at National and European specialty meetings including:

SBNS	(Society of British Neurosurgeons)
Britspine	(British Scoliosis Society, Society of Back pain research, BASS)
EuroSpine	(European Spinal Association)
BASS	(British Association of Spinal Surgeons)
EANS	(European Association of Neurological surgeons)
NCAT	(National Cancer action team MSCC meeting, Birmingham)

INDUSTRY INVOLVEMENT

- 2012 Invited member of international advisory panel for implant design (Ulrich, Ulm)
2011 Invited member of international advisory panel for spinal biologics (Olympus Spine)

TEACHING EXPERIENCE

- 2014 - Year 1 academic (PBL and clinical skills) tutor, HYMS
2013 - Instigator, designer, coordinator and lead tutor for HYMS Neurosurgery scholarships
2011 - Lecturer for York Surgical society
2011 - Regional lecture program on spinal surgery (Oncology / Physiotherapy / Radiology)
2010 - Neurology tutor on HYMS medical rotation (block 23)
2009 - 17 Instigator, designer, coordinator and lead tutor for 2 medical student SSC courses (Neurosurgery and Neurosciences) run by HYMS
1996 - Regular teaching sessions for nursing staff, SpR, SHO, HO and medical students with ward and lecture-based tutorials. Regularly awarded 'Teacher of the term' at Oxford.
1993-95 Anatomy Demonstrator (Neuroanatomy)

RESEARCH EXPERIENCE

- 2017 - 20 **Supervising 11 HYMS SSIP research projects** – including cervical arthroplasty, spinal fractures in the elderly and spinal cord monitoring in intradural tumour surgery
2017 **Devolved management of C2 fractures in the elderly**
Supervised medical student project Hull and East Yorkshire NHS Trust
2017 **Cauda Lupina – crying wolf and waving red flags in emergency referrals**
Supervised medical student project, Hull and East Yorkshire NHS Trust
2016 **Improving the quality of Neurosurgical referrals**
Supervising medical student project, Hull and East Yorkshire NHS Trust
2015 **Correlating PROMS with operation type in spinal surgery**
Supervising medical student project, Hull and East Yorkshire NHS Trust
2014 **Reducing recurrence and improving outcomes in lumbar microdiscectomy**
Supervising medical student project, Hull and East Yorkshire NHS Trust
2013 **Correlation between degree of spinal stenosis and lumbar surgery outcomes**
Supervising Medical student project, Hull and East Yorkshire NHS Trust
2011 **Accuracy of pedicle screw placement in spinal fusion surgery**
Supervising Imperial College Surgical Technology MSc student
2007 **Acute Neurosurgical Rehabilitation (ANSRU): service development**
Principle investigator: Supervisor; Mr.S.Bavetta, Queens Hospital, Romford
2005 **Head injury transfer: prospective audit**
Principle investigator: Supervisor; Prof.Van Dellen, Charing Cross Hospital
2003 **Temporalis muscle function following craniotomy: retrospective audit**
Principle investigator; Supervisor; Mr.N.Dorward, The Royal Free Hospital
2001 **Post-traumatic epilepsy in head injury: retrospective audit**
Principle investigator: Supervisor; Prof. W.Gray, Wessex Neurological Centre
1993 **Neurophysiology of the Retina: BSc. Dissertation**
Principle investigator: Supervisor; Prof. P.McNaughton, King's College London

PUBLICATIONS / PRESENTATIONS

- 2018 Time to implement a national referral pathway for suspected CES
British Journal of Neurosurgery 2018 Jun; 32 (3): 264-268
- 2018 C2 fracture management – time for devolution?
SBNS presentation, Torquay Apr 2018
- 2018 Impact of 4 hour rule and CT scan guidelines in head injury admissions
SBNS presentation, Torquay Apr 2018
- 2018 Cauda lupina syndrome – crying wolf over red flags
SBNS presentation, Torquay Apr 2018
- 2016 Improving Neurosurgical referrals – head in the clouds?
SBNS presentation, Newcastle Apr 2016
- 2015 PROMS in spinal surgery – which operations do best?
BASS presentation, Bath March 2015
- 2014 Improving outcomes in lumbar microdiscectomy
SBNS presentation, Coventry Sept 2014
- 2013 Correlation between degree of stenosis and outcomes in lumbar surgery
SBNS presentation, Essex Sept 2013
- 2013 Improving efficiency of Neurosurgical theatres
SBNS presentation, Essex Sept 2013
- 2012 A Novel scoring system for accuracy in instrument spinal surgery
SBNS presentation, Leeds Sept 2012
- 2012 Validating a novel scoring system for accuracy in instrumented spinal surgery
SBNS presentation, Leeds Sept 2012
- 2011 Comparison of open vs. percutaneous pedicle screw technology
SBNS presentation, Brighton Sept 2011
- 2007 A novel approach to the diagnosis and management of Meralgia Paraesthetica
Neurosurgery 60(4); 696-700 April 2007 - Nourai S, Anand B, Spink G, O'Neill K.
- 2007 Geriatric Neurosurgery – Is old age our future?
EANS Oral Presentation - Glasgow, Sept 2007
- 2007 Do I have Cauda Equina? – which symptoms best predict a positive scan
SBNS Oral presentation - Charing Cross, April 2007
- 2007 Review of spinal trauma in a metropolitan unit
SBNS Poster presentation - Charing Cross, April 2007
- 2005 Meralgia paraesthetica – an alternative cause for post discectomy pain
SBNS poster presentation - Torquay, Sept 2005
- 2005 Head injury transfer – can we meet the four-hour rule?
SBNS Oral presentation - Edinburgh, April 2005
- 2002 Ventricular catheters – size matters
SBNS poster presentation - Middlesbrough, Sept 2002
- 2001 Atypical teratoid / rhabdoid tumours of the CNS
SBNS poster presentation. - Atkinson Morley, Sept 2001

EXTRA - CURRICULAR ACHIEVEMENTS

National and Yorkshire 3 peaks challenge
Represented Great Britain (International Athletics - 100m, 200m, 100m relay)
ATC National Leadership Course, SAS - RAF Hereford (Joint First Place)
RAF Flying Scholarship (Bristol)
Football coach and referee (Bournemouth Littledown Juniors)
Shotokan Karate (1st Dan - Black Belt)
Grade 7 Piano and Oboe exams
Dorset Young Businessman of the Year

HOBBIES and INTERESTS

Munro bagging / Trail 100
Landscape Photography
Astronomy

CONTACT DETAILS

Twitter: @heyneurosurgeon

Website: heyneurosurgeon.co.uk

NHS Secretary: Jimane Cartwright 01482 604329

Private Secretary: Helen Shearsmith 01482 672464 (Spire Hull)
Kerry Bailey 01482 672464 (Spire Hull)
Doreen Byford 01904 891849 (Nuffield York)