

Curriculum Vitae of Dr. Kshitij Mankad MBBS, MRCP, FRCR, PG Dip.

Personal Details

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Address: 91, Melrose Avenue, Wimbledon Park SW19 8AU
Date of Birth: 19th June, 1976
Citizenship: British

Professional Qualifications- *Healthcare*

2008 **FRCR (Fellowship of the Royal College of Radiologists)**
Royal College of Radiologists, UK
2008 **Post Graduate Certificate in Health Research**
University of Leeds, UK
2005 **MRCP (Membership of the Royal College of Physicians)**
Royal College of Physicians, UK
2000 **MBBS (Bachelor of Medicine and Bachelor of Surgery)**
Bangalore University, India

Professional Qualifications- *Allied*

2014 **Master of Business Administration**
Commencing at Westminster Business School this September
2009 **Trained Lean Six Sigma Black Belt**
100% Effective training Ltd., CPD UK certified
2002 **Post Graduate Diploma in Hospital and Health Care Management**
Symbiosis Centre of Health Care, India

Employment History- *Current role(s)*

Clinical

Consultant Paediatric Neuroradiologist

Base hospital: Great Ormond Street Hospital NHS Foundation Trust, London (since July 2011)

Other hospitals: Chelsea and Westminster Hospital NHS Foundation Trust, London (since August 2011)

The Portland Hospital for Women and Children, London (since December 2011)

The BUPA Cromwell Hospital, London (since December 2013)

Academic/Managerial

Neuroradiology Lead, Great Ormond Street Hospital NHS Foundation Trust, London (since November 2013)

Honorary Senior Clinical Lecturer, University College London Hospital, London (since October 2011)

Editor, Post-Graduate Medical Journal, BMJ Group, London (since 2008)

Director, Radiology Recipes Limited (since 2007)

Key responsibilities in current role(s)

Clinical: Organisation and leading on multi-disciplinary team meetings; Reporting of all neuroradiology investigations; also currently leading on collecting and presenting Neuroradiology discrepancy meetings.

Academic: Working with cross-specialty clinicians and the Institute of Child Health on facilitating and conducting research; also involved directly with research planning for Neuroradiology in the capacity of the acting Neuroradiology Lead; Involved in setting up teaching programmes for trainees and radiographers in the department, and conducting lectures for clinicians; I am also a member of the Post-Graduate Training Committee at GOSH.

Managerial: In the capacity of the acting Neuroradiology Lead currently, I am responsible for organising annual appraisals and work-force planning of the Neuroradiology Consultants at GOSH; Leading and facilitation of Clinical Governance activities within the department on a regular basis; I am also involved with the hospital's Quality and Safety Transformation team as an advisor on Lean Six-Sigma Lean; Organisation of training events on core and generic skills for radiologists and clinicians on a regular basis; Educational supervisor for medical trainees.

Employment History- *Previous post(s)*

Sept 2009 – Jul 2011:	Fellow in Neuroradiology Pan London rotation
Sept 2005- Sept 2009:	Specialist Registrar in Clinical Radiology Leeds and West Yorkshire Training Scheme
Aug 2003 – Jul 2005:	Senior House Officer to the Medical rotation Sheffield Teaching Hospitals NHS trust
Feb 2003 – Aug 2003:	Senior House Officer, Neurological Rehabilitation South Glasgow University Hospitals
Aug 2002 – Feb 2003:	House Officer, Medicine Sheffield Teaching Hospitals NHS trust
Feb 2000 – Mar 2001:	Research Analyst in Critical Care Medicine Breach Candy Hospital, Mumbai, India
Aug 1999 – Aug 2000:	Medical and Surgical Internship Victoria Hospital, Bangalore, India

Academic Profile

Awards

- Best Research Paper for 2012, *Clinical Radiology* Journal: ‘*Radiology curriculum for undergraduate medical studies- A consensus survey.*’
- BMA Medical Book Awards 2010, ‘Highly commended’ book: *Acute CT- A Primer of Emergency Imaging.*
- Best Poster at the British Society of Paediatric Radiology meeting in 2006: ‘*CT Brain scans in suspected Non-Accidental Injury- A National Survey.*’
- First position, *All India Medical Quiz* organised by the Indian Medical Association in 2001.

Research Grant(s)

- Awarded the ‘Clinical Radiology RCR Pump Priming Research Grants Scheme- 2007’ by the Royal College of Radiologists, UK towards my project titled “National radiology curriculum for undergraduate medical studies in the UK- A consensus survey.” This study had a grant award of £3385.00.

Publications

Text books

- Case Reviews in Ultrasound. 2009 Paras publishing limited 2009
- Acute CT: A Primer of Emergency Imaging. RSM publishing limited 2010
- Hot Topics for the FRCR II A. Jaypee Publications 2010
- MRI of the Whole Body- An Illustrated Guide to Common Pathologies. RSM publishing limited 2011

Book chapters

- ‘Brain Imaging in Neurosurgical Intensive Care’. Neurocritical Care, Springer Ltd.

Indexed Research Papers

- Chitayat-Hall syndrome: extending the clinical phenotype. Rao V, El-Alem T, Aminu K, Mankad K et al. *Clin Dysmorphol.* 2013 Oct; 22(4):156-60.
- Pediatric idiopathic intracranial hypertension and the underlying endocrine-metabolic dysfunction: a pilot study. Salpietro V, Mankad K, Kinali M et al. *J Pediatr Endocrinol Metab.* 2014 Jan 1;27(1-2):107-15.
- Testicular mass with intracerebral lesions: malignancy or infection? Prabhudesai SG, Sarkodieh JE, Mankad K. *BMJ Case Rep.* 2013 Aug 6; 2013.

- Spinal neurofibromatosis with central nervous system involvement in a set of twin girls and a boy: further expansion of the phenotype. Ruggieri M, Polizzi A, Salpietro V, Incorpora G, Nicita F, Pavone P, Falsaperla R, Nucifora C, Granata F, Distefano A, Padua L, Caltabiano R, Lanzafame S, Gabriele AL, Ortensi A, D'Orazi V,
- Microscopic Polyangiitis Presenting With Hemorrhagic Stroke. Iglesias E, Eleftheriou D, Mankad K et al. *J Child Neurol.* 2013 May 20.
- Natural history of cerebral dot-like cavernomas. Nikoubashman O, Wiesmann M, Tournier-Lasserre E, Mankad K et al. *Clin Radiol.* 2013 Aug;68 (8):e453-9.
- The emerging role of cardiovascular MRI for suspected cardioembolic stroke. Hoey ET, Mankad K et al. *Clin Radiol.* 2013 Feb;68(2):107-16.
- Modern spinal instrumentation. Part 2: Multimodality imaging approach for assessment of complications. Allouni AK, Davis W, Mankad K et al. *Clin Radiol.* 2012 Jun 20.
- Radiology curriculum for undergraduate medical studies-A consensus survey. Mirsadraee S, Mankad K, McCoubrie P, Roberts T, Kessel D. *Clin Radiol.* 2012 Jun 15.
- Modern spinal instrumentation. Part 1: Normal spinal implants. Davis W, Allouni AK, Mankad K et al. *Clin Radiol.* 2012 May 31.
- Spontaneous Resolution of an Established Iatrogenic Vertebral Arteriovenous Fistula. Adams A, Allouni K, Basheer S, Evanson J, Mankad K. *J Child Neurol.* 2012 Apr 24.
- Upper Respiratory Tract Infection and Torticollis in Children: Differential diagnosis of Grisel's Syndrome. Salpietro V, Polizzi A, Granata F, Briuglia S, Mankad K, Ruggieri M. *Clin Neuroradiol.* 2012 Apr 5.
- Epilepsy in Tanzanian children: Association with perinatal events and other risk factors. Burton KJ, Rogathe J, Whittaker R, Mankad K et al. *Epilepsia.* 2012 Apr;53(4):752-760.
- Co-morbidity of epilepsy in Tanzanian children: A community-based case-control study. Burton K, Rogathe J, Whittaker RG, Mankad K et al. *Seizure.* 2012 Apr;21(3):169-74.
- Primary cardiac angiosarcoma arising from the interatrial septum: magnetic resonance imaging appearances. Puppala S, Hoey ET, Mankad K, Wood AM. *Br J Radiol.* 2010 Nov; 83 (995) :e230-4.
- Endovascular treatment of intracranial aneurysms: review of current practice. Currie S, Mankad K, Goddard A. *Postgrad Med J.* 2010 Oct 11.
- Multiple cranial neuropathy as the initial presentation of metastatic prostate adenocarcinoma: case report and review of literature. Koliass AG, Derham C, Mankad K et al. *Acta Neurochir (Wien).* 2010 Jul; 152 (7) :1251-5.
- Nasu Hakola syndrome. Mankad K, Davagnanam I. *Neurology.* 2010 Jun 8; 74 (23).
- Neurological manifestation of vitamin B12 deficiency. Mankad K, Kullmann DM, Davagnanam I. *Am J Med.* 2010 Jun; 123 (6)
- Migrating tumour of the cauda equina. Stuart S, Jones B, Mankad K, Sethi H, Davagnanam I. *Postgrad Med J.* 2010 May; 86 (1015):313.
- Reversible leukoencephalopathy syndrome. Mankad K, Hoey E, Yap KS. *Am J Emerg Med.* 2010 Mar; 28 (3) :386.
- Computed tomography-guided pericardiocentesis: utility in the management of malignant pericardial effusion. Hoey ET, Mankad K. *Am J Emerg Med.* 2010 Mar; 28 (3) :388.
- MRI and CT appearances of cardiac tumours in adults. Hoey ET, Mankad K et al. *Clin Radiol.* 2009 Dec; 64 (12) :1214-30.
- Re: Competency-based training versus traditional experiences in radiology; how best to educate the radiologists of the future? Jones JB, Watson T, Mankad K, Scarsbrook A. *Clin Radiol.* 2009 Dec; 64 (12) :1244-6.
- Answer to case of the month #158 lymphocytic interstitial pneumonia. Hoey E, Mankad K. *Can Assoc Radiol J.* 2009 Dec; 60 (5) :283-4.
- Complete left pericardial defect: evaluation with supine and decubitus dual source CT. Hoey ET, Yap KS, Darby MJ, Mankad K et al. *J Cardiovasc Comput Tomogr.* 2009 Nov-Dec; 3 (6) :417-9.
- Imaging appearances of congenital thoracic lesions presenting in adulthood. Hoey ET, Bhatnagar P, Mankad K et al. *Can Assoc Radiol J.* 2009 Oct; 60 (4) :172-81.
- Radiology errors: are we learning from our mistakes? Mankad K, Hoey ET, Jones JB, Tirukonda P, Smith JT. *Clin Radiol.* 2009 Oct; 64 (10) :988-93.
- An unusual cause of dyspnoea. Mankad K, Darby MJ. *Med J Aust.* 2008 Nov 17; 189 (10) :556.
- Image of the month Obturator hernia. Mankad K, Hoey E. *Arch Surg.* 2008 Jun; 143 (6) :607-8.
- Spontaneous intracranial hypotension. Hoey E, Dadayal G, Yeluri S, Kumar N, Mankad K. *Med J Aust.* 2008 Apr 21; 188 (8) :486.
- Cardiac radiology. Bhatnagar P, Mankad K, Hoey E, Scarsbrook AF. *Clin Radiol.* 2008 Apr; 63 (4) :370-2.
- Trauma musculoskeletal ultrasound. Mankad K, Hoey E, Grainger AJ, Barron DA. *Emerg Radiol.* 2008 Mar; 15 (2) :83-9.
- Awareness of making the best use of a Department of Clinical Radiology amongst physicians in Leeds Teaching Hospitals, UK. Kumar S, Mankad K, Bhartia B. *Br J Radiol.* 2007 Feb; 80 (950) :140.
- The determinants of successful in-hospital rehabilitation in people aged 90 years and older. Elphick HL, Mankad K, Madan S, Parker C, Liddle BJ. *Gerontology.* 2007; 53 (2) :116-20.
- Awareness of 'Making the best use of a Department of Clinical Radiology' amongst physicians. Mankad K, Bull M. *Clin Radiol.* 2005 May; 60 (5) :618.

Professional Journals/Websites

- Mankad K, Mirsadraee S. **Radiology passes its Screen Test!** *Hospital Doctor*, 8/2/07 2007: 50.

Teaching and presentations

2014

- Non-Accidental Head Injury, Paediatric ED, CWH, London
- Paediatric MRI: Clinical Applications, City University, London
- Imaging of Neuroinfections, GOSH, London
- UK Childhood Inflammatory Demyelination (UK-CID) Meeting- Expert panellist
- The Abnormal MRI in Developmental Delay, Royal Society of Medicine, London
- Practical Neurology Study days- 2 lecture series at Institute of Child Health, London

2013

- Imaging of Non-Accidental Head Injury, London School of Radiology Annual Trainee Conference, London
- Neuroimaging for Psychiatrists, Gordon Hospital Academic Programme, London
- Managing Radiology in the New Healthcare Ecology, Leadership and Management Course, London

2012

- Lecture series on paediatric MRI, Invited, Hospital Authority, Hongkong
- Lecture series on paediatric neuroimaging, Invited, College of Radiology, Hongkong
- Lecture series on head and neck imaging, CT Fest Mumbai, Invited
- Lean Six Sigma in Healthcare, GOSH, London
- Ethics in Radiology Training, UKRC, Manchester
- A case of nasal glioma, BSHNR, London

2011

- Errors in Radiology, Academy of Radiology, Leeds, UK
- Lecture on paediatric neuroimaging, Sicily, Invited

2010

- Evaluation of ECA branches on Multidetector CT angiogram, ASNR, Boston
- Radiology and Lean Six Sigma, RSNA, Chicago

2009

- On-call reporting of CT Head- Are trainees doing a good job? UKRC, Manchester
- Mind Worms, ASNR, Vancouver
- Childhood Stroke: What the residents ought to know, ASNR, Vancouver

2008

- Imaging Appearances of Adult Congenital Lung Diseases: A Pictorial Review. ECR Vienna
- Idiopathic Intracranial Hypotension: A Pictorial Review. ASNR New Orleans
- Thoracic Neuroendocrine tumours: Spectrum of cross-sectional and scintigraphic appearances. UKRC Birmingham

2007

- Really Simple Syndication (RSS) Technology and Radiology: Established, Emerging, and Future Uses. RSNA
- Broadening the Clinical & Imaging Spectrum of Non-aneurysmal Subarachnoid Haemorrhage. World Federation of Interventional and Therapeutic Neuroradiology, Beijing
- Evaluation of complications of paediatric renal transplantation using ultrasound and MR imaging- 5 year experiences from Leeds, UK. ESPR Barcelona
- Podcast- A potential Radiology teaching tool? UKRC Manchester

2006

- CT Brain scans in suspected Non-Accidental Injury- A National Survey. Mankad K, Elliott LA. (poster) BSPR, Leeds

Others

- Rehabilitation in The Tenth Decade, British Geriatric Society Meeting , October 2004
- Acute Respiratory Distress Syndrome in Tropics, 16th Asia Pacific Congress on Diseases of the Chest, November 2001
- Applicability of SAPS in Indian Intensive Care Units, World Critical Care Congress, Sydney, December 2001

Leadership & Managerial Profile

As the **Acting Lead of Neuroradiology**, I am directly responsible for the following:

- Organising annual Consultant job planning and appraisals
- Work-force planning including recruitments, talent acquisition and leave rotas
- Strategy and services planning
- Leadership in resource utilisation and organisational development projects

As **Director of Radiology Recipes Limited** (2007 to present) and Healthcare Management Academy (2011-13), I have been organising the following training courses:

- Leadership & Management workshop for Radiologists in London
- Emergency & Trauma Imaging Course in Leeds
- London Trauma Imaging Course in London (In aid of MSF charity)
- Foundation Course in Clinical Radiology in Leeds/ London (In aid of GOSH charity)
- Radiology ST Interview Skills Workshops in London
- Radiology- A Career in Focus in London
- Critical Care and Emergency Care Ultrasound Course in Riyadh

Recent **QIPs** undertaken as part of NHS **Clinical Governance**:

- Improving processes in provision of tertiary referral reports at GOSH
- Implementation project for Radiology reporting systems, project team member, GOSH
- Implementation project for new 3T MRI system, project team member, GOSH
- Root Cause Analysis of MRI recall rates, Chelsea & Westminster Hospital
- Out-of-hours Neuroradiology reporting at GOSH: Are we benchmarking the service?
- Streamlining daytime on-call work flow practices- NHNN, UCLH
- On-call reporting of CT Head- Are trainees doing a good job? Leeds

Other positions and Memberships

- Member, Post-Graduate Training Committee, Great Ormond Street Hospital
- Member, European Society of Neuroradiology
- Editor, Breach Candy Hospital Journal, Mumbai 2001-2002

I.T. / Statistical Skills

- Highly proficient in the use of MS office and all its components
- Project managed the designing of the ITU severity scoring software for Breach Candy Hospital, India
- Possess basic knowledge of web designing
- Fluent in use of SPSS and Minitab for research.

Confident in performing:

- Descriptive analysis: calculation of mean, standard deviation, confidence intervals etc.
- Analytic tests: independent and paired t-tests, analysis of variance, linear regression, Non-parametric hypothesis tests, multiple regression, logistic regression, and analysis of variance and covariance Transformation of data Survival analysis, survival analysis.

Extra-curricular interests

Events organisation, public speaking, nature photography, cycling.

Referees: Available at request.