

# CURRICULUM VITAE

OF

**Dr Nader Khandanpour**

**MD, PhD, FRCR, CUBS, EDINR**



## Clinical Expertise Dr Nader Khandanpour

Neuroradiology (Brain and Spine CT & MRI):

- A. Adults
- B. Paediatrics
- C. Neonatal

## BRAIN

### EXAMPLES

Personal Injury  
Complex Trauma  
Birth Trauma  
Sports Injury  
Medical negligence  
Children Safe Guarding, Protection  
Psychiatric conditions  
Alzheimer's & other Dementias  
Stroke / Cerebrovascular Disease  
Vertigo / Dizziness  
Brain injury  
Brain tumour/ Cancer  
Cerebral palsy /Birth trauma

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Concussion /Road traffic accident  
Dementia  
Physiotherapy Rehab  
A&E Medicine  
Mental Health /cognition  
Seizures/ Epilepsy  
Numbness /Tingling  
Tremor  
Memory Loss  
Seizures / Epilepsy  
Bell's palsy/ Facial pain  
Normal pressure hydrocephalus  
Headache  
Multiple Sclerosis  
Neuralgia  
Neuropathy  
Parkinson's Disease  
Malformations  
Scoliosis / Congenital disorders  
Movement Disorders/ Gait / walking problem/ weakness  
Neurodegeneration  
Pain  
Infection  
Radiology imaging  
Neuroradiology imaging  
MRI scan  
CT scan

## SPINE

### EXAMPLES

Back pain  
Birth defects of the brain and spinal cord/ Congenital disorders  
Spinal trauma  
Disk disease of neck and lower back  
Spinal cord injury  
Spinal deformity / Malformation  
Spine tumour / Cancer

### PERSONAL DETAILS

<b>Name</b>	Nader Khandanpour
<b>Email</b>	<a href="mailto:NADER.KHANDANPOUR@NHS.NET">NADER.KHANDANPOUR@NHS.NET</a>
<b>Tel</b>	07570187387
<b>Nationality</b>	British

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## SELECTED PROFESSIONAL MEMBERSHIP

European Society of Neuroradiology	Senior Member 2018
European Radiology Society	Senior Member
Cambridge Children Brain Society	Member
Medical Defence Unit (MDU)	Member
General Medical Council (GMC)	Full registration
London Cancer Alliance	Member

## QUALIFICATIONS

2020	<b>CUBS Civil &amp; Criminal Expert Witness</b>	Cardiff University Bond Solon Accreditation
2017	<b>EDINR</b>	European Degree in Neuroradiology
2015	<b>Paediatrics Neuroradiology</b>	European Neuroradiology Society (written), Greece
2014	<b>Certificate of Completion of Training CCT</b>	Royal College of Radiologists, UK
2013	<b>European Neuroradiology Certificate</b>	European Neuroradiology Society (written), Vienna
2011	<b>FRCR</b>	Royal College of Radiologists, UK
2009	<b>PhD</b>	University of East Anglia, UK
2006	<b>MRCS I, II &amp; III-viva</b>	Royal College of Surgeons, UK
2007	<b>European I.T. licence</b>	Norfolk & Norwich University Hospital NHS, UK
2001	<b>MD / with distinction</b>	Shahid Beheshti Medical University

## TRAINING & EXPERIENCE

Dec 14- Date	<b>Permanent Neuroradiology Consultant</b> Atkinson Morley Hospital Regional Neurosciences Centre St George's University Hospitals NHS Foundation Trust, London
May 15- Date	<b>Honorary Senior Lecturer</b> University of London
Dec 13- Nov 14	<b>Pan London Neuroradiology Fellow</b> Queen Square National University Hospital for Neurology & Neurosurgery Great Ormond Street Paediatrics University Hospital Royal London University Hospital King's College University Hospital
Oct 11- Dec 12	<b>Neuroradiology Fellow</b> Yorkshire Teaching Hospitals

Oct 08- Sept 11	<b>Radiology Speciality Registrar</b> Yorkshire Teaching Hospitals
Oct 08- Sept 11	<b>Associate Scientist</b> National Institute of Health Postdoctoral Academic Fellow Sheffield University, Medical School
Apr 06 – Sept 08	<b>Surgery Fellow</b> Norfolk & Norwich University Hospital
Apr 06 – Sept 08	<b>Honorary University Lecturer / Recognised Teacher University of East Anglia</b> Concurrent with the previous post
Aug 05 – Mar 06	<b>Clinical Attachment –Surgery &amp; Medicine</b> Addenbrookes Hospital NHS Trust, Cambridge
Mar 05– Jun 05	<b>Teaching Fellow</b> Clinical Skills Lab, Chelsea & Westminster NHS Trust, London
Mar 00 – Jan 05	<b>Rotations –General Surgery</b> Internal Medicine, General surgery and Surgical Subspecialties, Emergency medicine

## **DISTINCTIONS AND AWARDS**

Mar 2019	<b>Winner of The Expert Witness Awards</b> London, UK, The Lawyer Monthly Magazine
Nov 2014	<b>Reviewer to The BMJ Heart</b> London, UK
Mar 2012	<b>Awarded Sir Ernest Finch Travelling Fellowship</b> South Yorkshire, For my research
Sept 2010	<b>Reviewer to the LANCET</b>
Jan 2012	<b>Reviewer to the Journal of European Academy of Dermatology</b>
Jun 2009	<b>Awarded Grainger Prize</b> Sheffield
Oct 2008	<b>National Institute of Health Academic Fellowship (NIHR)</b> Yorkshire

- Sept 2008      **Norfolk & Norwich Institute for Medical Education Award (NANIME)**  
My research project
- Mar 2008      **UK - Comprehensive Clinical Research Network (UK-CCRN)**  
**“National Portfolio study”**  
My research project
- Jul 2007      **Sanofi Aventis Fund**  
My research project
- Sept 2006      **John & Pamela Salter Award**  
My research project through University of East Anglia, Medical School
- Oct 2006      **Norwich Trust Award**  
My research project
- Jan 2005      **UK Professional & Linguistic Assessments Board Exam: Scoring 170 out of 200**  
The average was 128 and pass mark was 126, UK
- Jan 2004      **Awarded the Title of Exemplary Practitioner for Contribution to The Bam Earthquake**  
Kerman University of Medicine and Health Sciences, Bam
- Mar 2000      **First Prize in the National Comprehensive Internship Board Exam**  
Scoring 157 out of 200, the average was 116, Shahid Beheshti Med School
- Mar 1997      **First Prize in the National Comprehensive Basic Sciences Board Exam**  
Scoring 159 out of 200, the average was 114

## **PUBLICATIONS**

- 2019      **How To Do It: Management Of A Wake Up Stroke**  
Xuya Huang; Vafa Alakbarzade, Nader Khandanpour, Anthony Pereir, Practical Neurology, In print
- 2019      **HSV Presenting As Stroke-Like Symptoms With Atypical MRI Brain Findings**  
Infectious Lancet, In print  
  
Vivekananda U, Khandanpour Nader and Salah Omer, Neurology 2016;87;2384
- 2016      **Terson Syndrome**  
Khandanpour N, Sai Saiperia, in press, American Journal Neuroradiology
- 2015      **Are Aortic Stent Grafts Safe in Pregnancy?**  
Khandanpour Nader, A.Mehta Tapan, M. Adiseshiah, and Meyer J.Felicity , Hindawi Radiology USA, 2015 Jun.

- 2013 **The Role of Magnetic Resonance Imaging and Computed Tomography of the Brain in First Episode of Psychosis**  
Khandanpour N, Hoggard N, Clin Radiol. 2013 Mar;68(3):245-50.
- 2012 **Craniospinal Abnormalities and Neurologic Complications of Osteogenesis Imperfecta**  
Khandanpour N, Raghavan A, Griffiths PD, Hoggard N, Radiographics. 2012 Nov-Dec;32(7):2101-12.
- 2013 **Prospective Comparison of Late 3T MRI with Conventional Angiography in Evaluating the Patency of Cerebral Arteriovenous Malformations Treated with Stereotactic Radiosurgery**  
Khandanpour N, Griffiths P, Warren D, Hoggard N. Neuroradiology. 2013 Feb 26.
- 2012 **Semiautomated and Automated Glioblastoma Multiforme Tumor Grading Using Dynamic Susceptibility-Weighted Contrast-Enhanced Perfusion MRI**  
Bambrough P, Khandanpour N, Hoggard N, Br J Radiol. 2012 Dec;85(1020).
- 2011 **Use of MR Spectroscopy and Diffusion to Differentiate GBM from Solitary Cerebral Metastases**  
Kotsarini C, Wilkinson I, Jellinek D, Griffiths P, Khandanpour N, Hoggard N, Neuro-Oncology 136–144, 2011.
- 2011 **Stereotactic Radiosurgery for Pineal Tumours**  
Yianni J RJ, Khandanpour N, Hoggard N, Kemeny A, British J of Neurosurgery, Br J Neurosurg. 2012 Jun;26(3):361-6.
- 2011 **Do Novel Risk Biomarkers Reflect the Severity of Peripheral Arterial Disease?**  
Khandanpour N, Jennings B, Armon M, Wright A, Willis G, Clark A, Meyer F Angiology. 2011 Feb;62(2):126-33.
- 2010 **The Association between Ankle Brachial Pressure Index and Pulse Wave Velocity**  
Khandanpour N, Armon MP, Jennings B, Clark A, Meyer FJ. Angiology. 2009 Dec-2010 Jan;60(6):732-8.
- 2009 **Folacin Improves Arterial Function in Patients with Peripheral Arterial Disease (A Randomised Double Blind, Placebo Controlled Clinical Trial) (featured original research paper)**  
Khandanpour N, Armon MP, Jennings B, Finglas PM, Willis G, Clark A, Meyer FJ. Br J Surg. 2009 Sep;96(9):990-8.
- 2009 **Photoplethysmography, an Easy and Accurate Method for Measuring Ankle Brachial Pressure Index: Can Photoplethysmography Replace Doppler? (Ranked as a top 10 article of the year published on this topic)**  
Khandanpour N, Armon MP, Jennings B, Clark A, Meyer FJ. Vasc

Endovascular Surg. 2009 Dec;43(6):578-82.

- 2009 **Are Femoro-distal Bypass Grafts for Acute Limb Ischemia Worthwhile?**  
Khandanpour N, Lily Choy, FJ Meyer, MP. Armon. Bras. Jour. Vas. Surg. 2009
- 2009 **Homocysteine and Peripheral Arterial Disease: Systematic Review and Meta-analysis (Ranked first in the top 10 paper of the year published on this topic)**  
Khandanpour N, Loke YK, Meyer FJ, Jennings B, Armon MP. Eur J Vasc Endovasc Surg. 2009 Sep;38(3):316-22.
- 2009 **Standards of Angiography & Percutaneous Transluminal Angioplasty and Their Application to Current Practice**  
Khandanpour N, Girling S, Wilson P, Meyer F, Armon M, John F. Cockburn. Int. Jour. of Radiology, Volume 10, 2009.
- 2009 **Assessment of a Multifactorial Risk Index for Predicting Postoperative Pneumonia after Open Abdominal Aortic Aneurysm Repair**  
Markar SR, Walsh SR, Griffin K, Khandanpour N, Tang TY, Boyle JR.  
Vascular. 2009 Jan-Feb;17(1):36-9.
- 2008 **Thesis**
- ATHEROSCLEROSIS
  - The effects of folic acid and 5-methyltetrahydrofolate on biomarkers of arterial disease and clinical outcomes in patients with ischaemic vascular disease (atherosclerosis)
  - Performing gene expression and genotyping to evaluate the underlying pathology of atherosclerosis
  - Evaluating pulse wave velocity role in assessing vascular disease
  - Novel risk biomarkers
- 2008 **The Effects of Increasing Obesity on Outcomes of Vascular Surgery**  
Khandanpour N, Armon MP, Foxall R, Meyer FJ. Ann Vasc Surg. 2008.
- 2008 **Methylenetetrahydrofolate Reductase (MTHFR) 677-CT Polymorphisms are Associated with Peripheral Arterial Disease (A case-control study and meta-analysis)**  
**(Ranked as a top 10 paper of the year published on this topic)**  
Khandanpour N, Willis G, Meyer FJ, Armon MP, Loke YK, Wright AJ, Finglas PM, Jennings BA. J Vasc Surg. 2009 Mar;49(3):711-8
- 2007 **Coil Embolisation of Mycotic Internal Iliac Aneurysm due to MRSA**  
Khandanpour N, A. Chaudhuri, DJ. Roebuck, MP. Armon  
Journal of European Vascular & Endovascular Surgery, 2007 Jun;33(6):687-9

- 2006            **Guideline for Management of Acute and Chronic Limb Ischaemia**  
Khandanpour N, Armon MP, Meyer FJ, Norfolk and Norwich University Hospital, Implemented at Norfolk and Norwich NHS Trust
- 2005            **Earthquake Management**  
Khandanpour N, Letter to British Medical Journal

#### OTHER REVIEWS

- 2018            **Heart and Vessels**  
Japan journal
- 2016            **Book review: Imaging of Neurodegenerative diseases by Sangam G Kanekar**  
Radiology
- 2016            **Experimental and Therapeutic Medicine**  
USA journal

#### MEDICOLEGAL TRAINING

- 2020            **Medicolegal Dilemmas In Paediatric Medicine**  
European Society of Paediatric Radiology, Austria
- 2020            **Family Law and Procedure**  
Bond Solon Legal Training, London
- 2019            **Criminal Law & Procedure**  
Bond Solon Legal Training Institute, London
- 2019            **Cross-Examination**  
Bond Solon Legal Training Institute, London
- 2019            **Civil Law & Procedure**  
Bond Solon Legal Training Institute, London
- 2018            **Imaging in Cases of Suspected Physical Abuse**  
Everlight Radiology, London
- 2018            **Excellence in Report Writing / Expert Witnesses Court Compliant Reports**  
Bond Solon Legal Training Institute, London
- 2018            **Medico-legal Expert Courtroom Skills**  
Bond Solon Legal Training Institute, London
- 2018            **Knowledge for the Expert Witness**



**SELECTED COURSES & SCIENTIFIC MEETINGS**

- Feb 2019      **American Society of Spine Radiology Symposium**  
Miami, USA
- Feb 2018      **Training Appraisers for Consultants St Georges**  
Maid Healthcare, St Georges, London
- Jan 2018      **Bristol MRI course**  
JCA Medical Seminars, The Bristol Marriott Royal Hotel Conference  
Centre
- Nov 2017      **Diabetes Professional Care 2017**  
Olympia, London
- Nov 2017      **Advanced Clinical Communication For Consultants**  
London, St Georges University Medical School Post Graduate
- Apr 2017      **Practice Conference BMA**  
BMA, London
- Oct 2017      **Diabetes Professional Care**  
London
- Apr 2017      **ASNR 2017**  
California, USA
- June 2016      **Mentoring**  
London, Royal College of Radiologists
- Jun 2016      **Health + Care**  
London
- May 2016      **American Society of Neuroradiology**  
Washington DC, USA
- May 2016      **Neuromodulation**  
California, USA
- Jan 2016      **MBBS Interviewers**  
London, St Georges University of London
- Mar 2015      **National Neurogenetics Club**  
London, St Georges NHS
- Feb 2015      **European Course on Paediatric Neuroradiology – ECPNR**  
Ioannina, Greece
- Sept 2014      **European Society of Head and Neck Radiology**  
Marseille, France

- May 2014      **American Society of Neuroradiologists**  
Canada, Quebec
- Jan 2014      **Clinical Genetics**  
Great Ormond Street NHS, London
- Nov 2013      **European Course of Diagnostic and Interventional  
Neuroradiology  
Vascular Disease (ECNR)**  
Antalya, Turkey, European Society of Neuroradiology
- Jun 2013      **Head and Neck Imaging**  
Royal Society of Medicine
- Mar 2013      **European Course of Diagnostic and Interventional  
Neuroradiology  
CNS Tumours (ECNR)**  
Athens, Greece, European Society of Neuroradiology
- Nov 2012      **European Course of Diagnostic and Interventional  
Neuroradiology  
Embryology, Anatomy, Development and Malformations of the  
CNS (ECNR)**  
Antalya, Turkey, European Society of Neuroradiology
- Oct 2012      **European Society of Neuroradiology Annual Meeting (ESNR)**  
Edinburgh
- May 2012      **Hull Neuroradiology**  
Hull
- Mar 2012      **European Course of Diagnostic and Interventional  
Neuroradiology  
Trauma/Degenerative/Metabolic/Inflammatory Diseases (ECNR)**  
Milan, Italy, European Society of Neuroradiology
- Feb 2012      **European Congress of Radiology (ESR) (International)**  
Vienna, Austria
- Sept 2011      **Sheffield FRCR Course**  
Sheffield
- Sept 2011      **Aintree FRCR Course**  
Aintree, Clinical Sciences Centre University Hospital Aintree,  
Liverpool
- Sept 2011      **Chest Radiology**  
Aintree, Clinical Sciences Centre University Hospital Aintree,  
Liverpool
- Sept 2011      **Heart of England General Radiology**  
Heart of England NHS Foundation Trust, Birmingham

Aug 2011	<b>American College of Radiology - Radiologic Pathologic Correlation</b> Manchester
Aug 2011	<b>Acute Abdomen CT</b> Northwick Park Hospital, London
Aug 2011	<b>Essential Nuclear Medicine</b> Imperial College Healthcare NHS, London
Apr 2011	<b>Neuroradiology: Stroke / Hands on CT Processing</b> Royal Infirmary, Glasgow
Mar 2011	<b>Paediatric Radiology</b> Sheffield
Mar 2011	<b>Spinal and Musculoskeletal MRI</b> Oxford
Mar 2011	<b>East Midland General Radiology</b> Leicester
Mar 2011	<b>Long Case Reporting</b> Aintree, Clinical Sciences Centre University Hospital Aintree, Liverpool
Feb 2011	<b>Rapid Reporting</b> Northwick Park Hospital, London

## TEACHING

### COURSES

2014	<b>Training the Trainers</b> King's College London University
2013	<b>Teaching &amp; Learning for Educational Supervisors</b> Royal College of Paediatrics and Child Health
2010	<b>Mentoring and Outreach Scheme Workshop</b> Academy of Medical Sciences, Sheffield
2007	<b>MBBS Recruitment Interviewer Skills Training</b> University of East Anglia, Norwich
2006	<b>Teaching Techniques</b> University of East Anglia, Norwich

## **EXPERIENCE**

- 2015-to date     **University of London St Georges Medical School Senior Lecturer**  
St Georges NHS, London
- 2017             **Demyelination**  
St Georges NHS, London
- 2016             **Radiation protection**  
St Georges NHS, London
- 2014             **Neuro-oncology**  
King's College Hospital NHS Foundation Trust
- 2014             **Clinical use of Perfusion Scan for MRI Physicists**  
King's College Hospital NHS Foundation Trust
- 2013             **Paediatric Tumours**  
Neuroradiology Department, Great Ormond Street
- 2013             **Neonatal Tumours**  
Neuroradiology Department, Great Ormond Street
- 2013             **The Effects of Minor Head Injury on The Brain**  
Neuroradiology Department, Queen Square
- 2013             **Intracranial Hypertension**  
Neuroradiology SpRs, National Hospital for Neurology and  
Neurosurgery, London
- 2013             **Neurodegenerative Disorders**  
Neuroradiology SpRs, National Hospital for Neurology and  
Neurosurgery, London
- 2013             **Distinguishing between Germinomas and Pineal Cell Tumours  
on MR Imaging**  
Neuroradiology SpRs, National Hospital for Neurology and  
Neurosurgery, London
- 2013             **Grey Matter Pathology in Multiple Sclerosis**  
Neuroradiology SpRs, National Hospital for Neurology and  
Neurosurgery, London
- 2013             **Clinical MRI Physics and Techniques for Neuroradiologists**  
Neuroradiology Department, Queen Square
- 2012             **Psychosis**  
Yorkshire Deanery
- 2012             **Neuroradiology for General Radiologists**  
General Radiologists, Yorkshire Deanery
- 2011             **Vascular Radiology Emergencies**

Sheffield Teaching Hospitals, Sheffield

- 2011            **Introduction to Head CT**  
SHO Teaching Programme, Sheffield
- 2010            **Neuroanatomy and Neuroradiology Emergencies**  
SHO and Medical Students Teaching Programme, Sheffield
- 2010            **Lung Perfusion Studies**  
SpR teaching, Royal Hallamshire Hospital, Sheffield
- 2010            **Dementia Imaging**  
SpR Teaching, Royal Hallamshire Hospital, Sheffield
- 2010            **Ten Radiology Emergencies**  
SHO Teaching, Royal Hallamshire Hospital, Sheffield
- 2006-2008     **Honorary Lecturer of The University of East Anglia (UEA),  
Medical School / Recognised Teacher**
- Educational adviser to 5 medical students
  - Bedside teaching
  - OSCE Assessor
  - MBBS interviewer
- 2005            **Teaching Fellow to the Medical Students of The Imperial  
College, Medical School**  
Clinical Skills Lab, Chelsea & Westminster NHS Trust, London
- Areas of teaching included: clinical skills, examination techniques & data interpretation (OSCEs)
  - I incorporated various techniques in my teaching, from interactive case discussions and problem based learning to practical demonstrations and mock tests

## **OTHER SKILLS**

### **PERSONAL SKILLS**

- Able to stay calm in crisis, work and make decision in difficult situations (Broad on call and disaster management experience)
- Communicate effectively with the team members and patients (received several appreciation letters from patients and colleagues)

### **I.T. SKILLS**

- Full European Computer Driving Licence (ECDL)
- Participated in development of Automated Glioma Tumour Grading Software
- Experienced in databases search such as Cochrane and PubMed/Medline

## **LEADERSHIP**

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- 2020            **Expert Advisory: National Institute for Health & Care Excellence**  
Artificial Intelligence Software For Analysing Brain CT Scans
- 2019-2020    **Atkinson Morley Regional Neuroscience Centre Feedback Lead**  
St Georges Hospital NHS
- 2019-2020    **The Royal College Radiologists Representative**  
Royal College Radiologist, UK
- 2017           **Meeting organised**  
**Prof Michael Lev, Neuroradiologist Head of Harvard Radiology**  
**School**  
Acute Stroke Imaging in the Era of DAWN
- 2016           **Consultant Representative to the Medical Staff Committee**  
St Georges Hospital NHS