

Prof. Manoj Ramachandran

Consultant Paediatric Orthopaedic and Trauma Surgeon and Professor; Co-founder, Viz.ai

London, United Kingdom | [LinkedIn](#)

Consultant paediatric orthopaedic surgeon at the Royal London Hospital and co-founder of Viz.ai, advising health systems, medtech companies and investors on clinical and commercial strategy. Author of 175+ peer-reviewed papers and 19 books, with over £7M in grant funding as chief or principal investigator.

EXPERIENCE

Visiting Professor SickKids Hospital	May 2025 — Present
Clinical/Strategy Advisor morph.	Feb 2025 — Present <i>London Area, United Kingdom</i>
Visiting Professor Stanford University	Oct 2023 — Present
Visiting Professor Nemours	Oct 2023 — Present
Co-Founder halfloop The Patient Powered Intelligence Platform For Medical Implants	Dec 2022 — Apr 2025 <i>London, England, United Kingdom</i>
Co-founder Viz.ai Co-founded an AI care-coordination company now valued at \$1.2B (Series D), with \$251M+ raised across seven rounds. Led clinical strategy and evaluation for 50+ FDA-cleared deep-learning algorithms in 2,000+ partner hospitals, and turned frontline clinical requirements into product roadmaps and patient-safety standards.	Aug 2016 — Present <i>Stanford, California, Tel Aviv, Israel and London, England</i>
Advisory and Board Member (Consulting) INDIC8 LTD Own consulting company for advisory and strategy work in healthcare and health technology. Sits on advisory and boards across medtech, health tech and venture capital, including OrthoPediatrics, Eolas Medical, Strive Health, Atman Labs, Amorphous Health, Sanctuary Health, NLC Health and Ada Ventures. Has built partnerships between the NHS, industry and academia.	Apr 2016 — Present <i>London and St Albans, England</i>
Honorary Reader Queen Mary University of London	Sep 2014 — Jan 2023 <i>School of Engineering and Material Sciences</i>
Honorary Professor National University Hospital	Jan 2013 — Present <i>Singapore</i>
Co-founder EduSurg Ltd Innovative online medical education solutions e.g. www.passthemrcs.co.uk	Jan 2012 — Jan 2023
Consultant/Advisor in Medical Devices/Technology OrthoPediatrics	Jan 2011 — Present
Senior Lecturer Queen Mary, University of London	Jan 2008 — Aug 2014 <i>Barts and The London School of Medicine and Dentistry</i>
Consultant Orthopaedic and Trauma Surgeon, Professor and Director of Innovation Barts Health NHS Trust Lead clinical strategy for innovation programmes in one of the UK's largest orthopaedic departments. Chief investigator on a £2.9M Barts Charity grant and a £1.4M Innovate UK study (PRINT, 3D-printed orthotics across multiple NHS sites), with £7M+ total grant funding as chief or principal investigator.	Jul 2007 — Present <i>Centre for Orthopaedics, Royal London & Barts and The London Children's Hospital</i>
Chief Clinical Information Officer and Director of Informatics Royal London Hospital, Barts Health NHS Trust Active practice across paediatric orthopaedics and complex trauma at a major London teaching hospital and trauma centre. Chief of Paediatric Orthopaedics and investigator on 15+ NIHR Portfolio and commercial trials, including SCIENCE, BOSS, GUST, PRINT, BAHA, STARTT and Latella.	Jan 2007 — Jan 2015 <i>London, UK</i>
Senior Lecturer and Honorary Consultant Orthopaedic Surgeon Royal National Orthopaedic Hospital NHS Trust	Aug 2006 — Jun 2007

Fellow in Paediatric and Young Adult Orthopaedics Children's Hospital Los Angeles CHLA	Jun 2006 — Aug 2006
Fellow in Paediatric Orthopaedics The Sydney Children's Hospital Network (Randwick and Westmead)	Jul 2005 — Jun 2006
Specialist Registrar in Orthopaedics and Trauma RNOH/Stanmore Specialist Registrar Orthopaedic Rotation	Jan 2000 — Jan 2005
Senior House Officer in Surgery Oxford and Hammersmith Basic Surgical Rotation	Jan 1997 — Jan 1999
House Officer in Medicine and Surgery King's College Hospital, London and Royal County Sussex Hospital, Brighton	Jan 1996 — Jan 1997

EDUCATION

FranklinCovey <i>Masters in Leadership</i>	Jan 2008 — Jan 2008
Royal College of Surgeons in England <i>FRCS(Tr&Orth) in Orthopaedic and Trauma Surgery</i>	Jan 2005 — Jan 2005
Royal College of Surgeons of England <i>MRCS(Eng) in Surgery</i>	Jan 1999 — Jan 1999
University of London <i>BSc(Hons) MBBS(Hons) in Medicine</i> Double honours first class degree University of London Gold Medal (proxime accessit) Multiple prizes, awards and scholarships	Jan 1990 — Jan 1996
King's College London <i>MBBS</i> (Hons); University of London Gold Medal (proxime accessit)	
King's College London <i>BSc(Hons) Anatomy and Basic Medical Sciences</i> First Class	

PROJECTS

3D-printed orthotics across multiple NHS sites, funded by Innovate UK, PRINT Chief investigator on a multi-site study of 3D-printed orthotics across NHS sites.
Grant award for academic orthopaedic research, Barts Charity Academic Orthopaedic Award Chief investigator on a Barts Charity grant supporting academic orthopaedic work.

SKILLS

Medical Education · Pediatrics · Medicine · Medical Devices · Healthcare · Innovation · Surgery · Education · Online Publishing · Clinical Research · Art · Medical History · Orthopedic · Hospitals · Clinical Trials · Biomedical Engineering · Medical Research · Internal Medicine · Healthcare Information Technology · Cancer · Sports Medicine · Emergency Medicine · Healthcare Management · Epidemiology · Oncology · Lifesciences · Treatment · Public Health · Orthopedics · Life Sciences · Research · Strategy · Start-ups · Strategic Planning · Management · Patient Safety · Clinical strategy · Paediatric orthopaedics · Trauma surgery · EHR integration · Clinical decision support · Data governance · Medical informatics · Healthcare AI · Grant funding · Academic publishing · Medical writing · PowerPoint · Keynote · Investor presentations