

# CURRICULUM VITAE

## MR. PURNAJYOTI BANERJEE

M.B.B.S (Cal), Diploma in Trauma & Orthopaedics (Cal), MSc in Trauma & Orthopaedics (Warwick University), MRCSEd, Dip SICOT (Belgium), FRCS (Tr&Orth), Global Spine Diploma (AO Spine Switzerland)



### Personal details

Name: Purnajyoti Banerjee

E-Mail: banerjee\_purnajyoti@yahoo.co.in

Qualifications: MBBS, Diploma in Trauma & Orthopaedics, MRCSEd, MSc (Orth), Dip SICOT, FRCS (Tr & Orth), Global Spine Diploma (AOSpine Switzerland)

Affiliations: Specialist adviser in Orthopaedics  
knowledge forum Royal College of Surgeons England  
Board member East Midlands spine network

Fellow Royal College of Surgeons England  
Member AOSpine  
Member British Orthopaedic Association  
Editor UKITE BOA 2017-2018

GMC Registration No: 6093426

Current Post: Locum consultant Orthopaedic Spine Surgeon  
Barts NHS Healthcare Trust  
Royal London Hospital

Duties in Post  
Complex spine surgery theatre & clinics  
Instrumented spine trauma on call (1:8)  
Spine fracture clinics & trauma lists  
Spine fracture management

### **Career goals**

I am an AOSpine accredited spine surgeon. I have 3 years of experience as spine surgeon with independent practice in management of all spinal problems and general trauma. I have pioneered minimally invasive spine surgery in Northamptonshire. I am competent in undertaking degenerative spine operations including decompression at all levels in spine and lumbar & cervical disc surgeries. I have completed research leading to publication of six peer reviewed papers in reputed journals. I completed post CCT fellowship in complex spine surgery at St George's hospital where bulk of my training was deformity and complex degenerative spine management. I have a post graduate degree (MSc) in orthopaedics. I worked as a consultant at Ninewells Hospital Dundee which is a level 1 trauma centre.

I have trained myself in a range of non operating skills essential for surgeons including team working, clinical leadership and communication as well as well as gained competence in the general practice of orthopaedic and trauma surgery. I was involved in research and audit work and presented or published them at national and international meetings. I was awarded prestigious AOSpine fellowship to visit Germany in 2023 for specialist training in MIS/endoscopic spine surgery.

### **Spine surgery Experience**

1. January '23- current **Consultant spine surgeon**  
Royal London Hospital (Level 1 trauma Centre)
2. Sep'19- Nov 2022 **Consultant spine surgeon**  
Kettering general Hospital
3. Sep'18-Aug'19 **Consultant spine surgeon**  
Ninewells Hospital Dundee Scotland (Level 1 trauma Centre)
4. Oct'17- Aug'18 **Complex Spine fellow**  
St George's Hospital London (Level 1 trauma Centre)

- |    |  |   |              |                    |
|----|--|---|--------------|--------------------|
| 5. | Apr'17-Sep17<br>Frimley Park hospital Surrey UK                                | <b>ST8</b>                              | <b>Spine</b> | <b>surgery</b>     |
| 6. | Oct15-Mar'16<br>Royal Sussex County Hospital Brighton (Level 1 Trauma Centre)  | <b>ST7</b>                              | <b>Spine</b> | <b>surgery</b>     |
| 7. | Aug'07-Jul'08<br>Warrington Hospital UK  | <b>ST2</b>                              | <b>(SHO)</b> | <b>Ortho/Spine</b> |
| 8. | June '01-May'03<br>Calcutta Medical College Hospital Calcutta University India | <b>Postgraduate trainee Ortho/Spine</b> |              |                    |

- I am competent in undertaking epidural, facet and nerve root blocks in all levels of the spine. I undertake ACDFs, lumbar laminectomies, minimally invasive lumbar decompression and discectomies and use pedicle screw fixation for fusion. I regularly perform posterior inter-body fusions and spine fracture fixations. I am keen to extend my skills doing endoscopic surgery, ACDR, corpectomies and thoracic discectomies and XLIF/OLIFs and ALIFs.
- I have undertaken specialist spine cadaveric workshops in UK, Germany & Canada that has further helped my skills and understanding of applied anatomy need for safe approach in all levels of spine.

### **Previous posts held**

- |    |                  |   |   |
|----|------------------|---|---|
| 1. | Sep'18-Aug'19    | <b>Consultant spine surgeon</b><br>Ninewells Hospital Dundee Scotland (Level 1 trauma Centre) |   |
| 2. | Oct'17- Aug'18   | <b>Complex Spine fellow</b><br>St George's Hospital London (Level 1 trauma Centre)            |   |
| 3. | Oct' 11- Spet'17 | Speciality trainee<br>Rotation in subspecialties  | <b>Orthopaedics</b><br><b>KSS deanery</b>     |
| 4. | Jan'09-Sep'11    | Research fellow<br>SWLEOC<br>Prof Richard Field   | <b>Orthopaedics</b><br>Epsom general Hospital |
| 5. | Aug'08- Dec '08  | FTSTA 2<br>Mersey Deanery<br>Mr. D Atkinson   | <b>Orthopaedics</b><br>Warrington Hospital    |

6. Dec'07-Aug'08	FTSTA 2 North Western Deanery Mr J. Mehta	<b>Orthopaedics</b> Rochdale Infirmary
9. Aug'07-Nov'07	Trust Registrar North Bristol NHS Trust  Mr G Bannister	<b>Orthopaedics</b> Southmead Hospital Bristol
10. Feb'07-Jul'07	SHO Avon Orthopaedic Centre  Mr S Hepple	<b>Orthopaedics</b> Southmead Hospital Bristol
11. Oct'06-Feb '07	Clinical Fellow (middle grade) Sandwell General Hospital Mr K Murali	<b>Emergency dept.</b> Birmingham
10. Aug'06-Oct'06	Clinical Fellow (middle grade) Hinchingsbrooke Hospital Mr R.Das	<b>Emergency dept.</b> Huntingdon
11. Aug'05-Aug'06	SHO Hinchingsbrooke Hospital Mr R.Das	<b>Emergency dept.</b> Huntingdon
12. Feb-Aug 2005	SHO Southampton General Hospital Mr M Uglow	<b>Orthopaedics</b> Southampton
13. Nov-Dec 2004	Clinical Observer Hinchingsbrooke Hospital	<b>Emergency dept.</b> Huntingdon
14. Apr-May 2004	Clinical Observer Harlaching hospital Munich	<b>Orthopaedics</b> Germany
15. June 2004	Clinical Observer Red Cross Hospital Munich	<b>Arthroplasty</b> Germany
16. Apr-June 2004	Clinical observer  Germany	<b>General Surgery</b> District Hospital Mainburg
17. Jul-Aug 2004	Senior Resident (Registrar) Apollo Gleneagles Hospital Calcutta Mr T N Sarkar	<b>Orthopaedics</b> India
18. Jul-Dec 2003	Registrar Calcutta Medical Research Institute Mr S Dasgupta	<b>Orthopaedics</b> India
19. May'01-Apr'03	Post Graduate Trainee (SHO) Calcutta Medical College Hospital Prof NC Ghosh	<b>Orthopaedics</b> India

20. Oct'99-May'00

SHO

**Acute medicine & Cardiology**

Institute of Post Graduate Medical Education &

Research S.S.K.M Hospital Calcutta India

### **Commitment to speciality**

- I have been awarded prestigious AOSpine fellowship 2021 visiting Schoen Clinic in Germany
- I have performed spinal procedures including injections (more than 1000), discectomies (around 150), kyphoplasty (around 75), vertebroplasties (around 30), decompression and instrumented fusion (100), ACDF (55) and fracture fixation in lumbar spine independently.
- I was involved in operative deformity correction and complex spine surgery including posterior scoliosis fusion as a fellow.
- I can manage critically ill surgical patients and perform major trauma call resuscitation, including full primary and secondary surveys, and instigate subsequent early total care or damage control orthopaedics.
- I can independently perform all orthopaedic procedure as required by JSCT which are evaluated and have feedback as 'PBA' and 'DOPs' including manipulation and fixation of common fractures and dislocations under appropriate block;
- I regularly undertake critical appraisal of papers published in Journal of Bone and Joint Surgery, which combined with patient values and clinical expertise forms the basis of my evidence-based practice.
- I have completed DOPs, Mini CEX, CBDs and Mini Pat /MSF assessments in orthopaedics. I am aware of my limitations and seek help when appropriate. The feedback that I have had from colleagues has constantly shown that I work well in a multi-disciplinary team. I believe that my training portfolio provides the relevant evidence to demonstrate my commitment to a career in orthopaedics.

### **Prizes**

- AOSpine fellowship awarded by AO International 2023
- The effect of peri operative high volume local anaesthetic infiltration following primary total hip Replacement. (**Banerjee P**, Bardakos NV, Hussein A, Harrison J, Field RE). Awarded the **best young researcher in the trust prize Epsom & St helier NHS Trust**; December 2010.
- Audit on CT scan criteria in head injury patients in a district hospital at Cambridgeshire (**Banerjee P**, Tolat V, Das RK) from Jan – Jun 2005. **Third prize** in junior doctor's presentation competition at Hinchingsbrooke Hospital.

- **Honours award** in Biochemistry. Calcutta University India 1995.

## **Publications**

- Boktor J, Wong F, Joseph VM, Alshahwani A, **Banerjee P**, Morris K, et al. Predictive value of post-void residual volume as an adjunctive tool in the clinical evaluation of cauda equina syndrome. *Bone Joint J.* 2023 May 1;105-B(5):487-495.
- How Safe is Minimally Invasive Lumbar Decompression and discectomy (MILD). Learning Curve and Outcomes of a Single Surgeon in a Peripheral Spine Unit. Malik S, Kheiran A, **Banerjee P**. *Global Spine Journal.* 2023;13(2\_suppl):4S-214S. doi:10.1177/21925682231166108
- Effects of COVID19 on mental health of patients awaiting elective degenerative spine surgery in the UK. Al Shawan A, Boktor J, El-bahi A, Sambhawani S, **Banerjee P**. *Global Spine Journal.* 2023;13(2\_suppl):4S-214S. doi:10.1177/21925682231166108
- Schroeder G, Karamian B et al (contributing author **Banerjee P**). Validation of the AO Spine Sacral Classification System: Reliability Among Surgeons Worldwide. *J Orthop Trauma.* 2021 Dec; 35(12): e496–e501. PMID: 34387567
- Chan A, **Banerjee P**, Lupu C, Bishop T, Bernard J, Lui D. (2021) Surgeon-Directed Neuromonitoring in Adolescent Spinal Deformity Surgery Safely Assesses Neurological Function. *Cureus* 13(11). PMID: 34963855
- Alshahwani A A, Boktor J, Elbahi A, **Banerjee P**. (2021) A Systematic Review of the Value of a Bladder Scan in Cauda Equina Syndrome Diagnosis. *Cureus* 13(4): e14441. DOI 10.7759/cureus.14441.PMID:33996305
- **Banerjee P**, Thomas M. CT scans to exclude spine fractures in children after negative radiographs may lead to increase in future cancer risk. *Eur J Orthop Surg Traumatol.* 2019 Jul;29(5):983-988. doi: 10.1007/s00590-019-02396-5. PMID: 30941632
- Chan A, **Banerjee P**, Lupu C, Bishop T, Bernard J, Lui D. Surgeon-Directed Monitoring in Pediatric Spinal Correction Surgery: Visual Observation of Lower Limb Waveform Predicts Intact Neurological Function. *Global Spine J* 2019 May;9(2 Suppl):188S-533S. PMID: 31211024

- **Banerjee P**, Thomas M. Back Pain with Bladder/bowel Dysfunction In A Child- Is This Cauda Equina Syndrome. *Global Spine J.* 2018 ;Vol 8,Issue1\_suppl. PMID: 30263880
- **Banerjee P.** Diagnosis Of Suspected Cauda Equine Syndrome With Urgent MRI- The Real Life Scenario. *Global Spine J.* 2018 ; Vol 8,Issue1\_suppl. PMID: 30263880
- **Banerjee P**, Jalgaonkar A. Trauma CT Scan Of Spine In Children- Are We Over Scanning? *Global Spine J.* 2018 ; Vol 8,Issue1\_suppl. PMID: 30263880
- **Banerjee P**, Ajis A (2018) Foreign Body in the Foot: An Unusual Case of Tibialis Posterior Tendinitis - A Case Report. *Int J Foot Ankle* 2:005.
- Sakathevan D, **Banerjee P.** Multiple long bones peri-prosthetic fractures in an elderly patient. The challenge of biological bone failure—A case report. *J Orthop.* 2014 May 10;12 (Suppl 1):S137-9. PMID: 26719608
- Kheiran A, Makki D, **Banerjee P**, Ricketts D. Intraoperative radiation use by trainees during ankle fracture fixation. *Orthopedics.* 2013 Sep; 36 (9) : e 1165-8. PMID: 24025008
- **Banerjee P**, Rogers B. A systematic review of high volume multimodal wound infiltration in total knee replacement. *Orthopedics.* 2014 Jun 1;37(6):403-12.PMID: 24972430
- Kheiran A, **Banerjee P**, Stott P. Consenting operative orthopaedic trauma patients: challenges and solutions. *ISRN Surg.* 2014 Feb 6;2014. PMID: 24653843
- **Banerjee P.** The efficacy of multimodal high-volume wound infiltration in primary total knee replacement in facilitating immediate post-operative pain relief and attainment of early rehabilitation milestones. *Eur J Orthop Surg Traumatol* (2014) 24:571–577. PMID: 23689908
- **Banerjee P**, Panose P. The role of computed tomography in the primary survey of polytrauma patients. *Br J Hosp Med (Lond).* 2013 Feb; 74(2):66-7. PMID: 23411972
- **Banerjee P**, Mclean CR. The Efficacy of Multimodal High Volume Wound Infiltration in Primary Total Hip Replacement. *Orthopedics.* 2011 Sep 9;34(9):e522-9. PMID: 21902151
- **Banerjee P**, Mclean CR. Femoro-acetabular Impingement A Common Cause of Groin Pain in Young Adults. *J.Orthopaedics* 2011;8(2)e8
- **Banerjee P**, Mclean CR. Chronic Exertional Compartment syndrome with medial tibial stress syndrome in twin siblings –A case report. *Orthopedics.* 2011 Jun 14; 34(6):e219-21. PMID: 2166791

- **Banerjee P** and Mclean CR. Femoroacetabular impingement: a review of diagnosis and management. Curr Rev Musculoskelet Med. 2011 Mar 16; 4(1):23-32. PMID: 21475562

## Audits

1. A survey of functional outcomes of patients following surgery for adolescent idiopathic scoliosis. Tavares L, **Banerjee P. Presented** at the British Scoliosis Society and BASS 2023.
2. Is there a relationship between number of fused levels and curve correction in adolescent Idiopathic Scoliosis? Tavares L, **Banerjee P. Presented** at the British Scoliosis Society and BASS 2023.
3. How Safe is Minimally Invasive Lumbar Decompression and discectomy (MILD). Learning Curve and Outcomes of a Single Surgeon in a Peripheral Spine Unit. Malik S, Kheiran A, **Banerjee P. Presented** Global Spine Meeting Prague 2023.
4. Effects of COVID19 on mental health of patients awaiting elective degenerative spine surgery in the UK. Al Shawan A, Boktor J, El-bahi A, Sambhawani S, **Banerjee P. Presented** at EFFORT meeting 2021. Presented at Global Spine meeting 2023.
5. Safety of surgeon-directed motor evoked potential monitoring: a dual centre study. Chan A, Biscevic M, **Banerjee P**, Lui D, Bishop T, Lupu C, Brenard J. **Presented** at British scoliosis society 2018.
6. A six-month retrospective survey of BSR data from a regional spine centre to evaluate patient and staff compliance regarding data entry. Rehman N, Lui D, Bishop, **Banerjee P**, Bernard J, Lupu C. **Presented** at BOA 2018.
7. Trends in undertaking cement augmentation for vertebral body fractures amongst surgeons in England & Wales over the last decade. (**Banerjee P**, Lui D, Bishop T, Bernard J). **Presented** at BOA 2018.
8. National collaborator in the management of ankle fracture (WAX) audit conducted by BOTA 2017 from Frimley Park hospital.
9. **National collaborator** in Paediatric Orthopaedic trauma (POTS) snapshot audit conducted by British Orthopaedic Trainees Association (BOTA) 2016 from Royal Sussex County hospital Brighton.
10. Assessment of hallux valgus correction with open first metatarsal osteotomy compared to minimally invasive first metatarsal chevron osteotomy. (**Banerjee P**, Ajis A, Palmer S) .**Presented** at BOA 2016.
11. Audit of operated distal radius fractures at St Richards Hospital. (**Banerjee P**, Oliviera M). **Presented** at EFFORT 2015.



12. Cauda Equina syndrome in a district general hospital- how often is it true? (**Banerjee P**, Drabu K). **Presented** at EFFORT 2015.
13. Is there a role of Gram stain in diagnosis of suspected acute native joint septic arthritis in adults? (**Banerjee P**, Kheiran A, Stott P). **Presented** at EFFORT 2014
14. Is there a role of Gram stain in diagnosis of suspected acute prosthetic joint infection? (**Banerjee P**, Kheiran A, Stott P). **Presented** at EFFORT 2014
15. Intra operative radiation increases when trainee orthopaedic surgeons are allowed to operate on ankle fractures. (**Banerjee P**, Makki D, Kheiran A, Macfadyen I). **Presented** at BOA 2013.
16. Consenting Operative Trauma Patients: are we in compliance with current standards? A Loop closure audit. (**Banerjee P**, Kheiran A, Stott P) 2011.
17. Effects of introducing World Health Organisation (WHO) surgical safety checklist in an elective orthopaedic centre in the UK: A prospective audit (**Banerjee P**, Mclean, C, Kidd A). **Presented** at the annual audit symposium, Royal College of Surgeons of Edinburgh 2011. Abstract **published** in college website.
18. Audit of recording post-operative complications in a joint replacement database in an elective orthopaedic centre (**Banerjee P**, Hadfield G, Field RE). **Presented** at the annual audit symposium, Royal College of Surgeons of Edinburgh 2011. Abstract **published** in college website.
19. The effect of peri operative high volume local anaesthetic infiltration following primary total hip Replacement. (**Banerjee P**, Bardakos NV, Hussein A, Harrison J, Field RE). **Presented** at SICOT meeting Sweden 2010.
20. The effect of peri operative high volume local anaesthetic infiltration following primary total knee Replacement in 15 patients. (**Banerjee P**, Bardakos NV, Hussein A, Harrison J, Field RE). **Presented** at SICOT meeting Sweden 2010.
21. Audit of discharge letter filling at Warrington hospital trauma & orthopaedics department. **Banerjee P**, Stevenson J, Atkinson D. **Presented** -the monthly clinical governance meeting at Warrington hospital 2008.
22. Audit of all orthopaedic audits and their outcome (**Banerjee P**, Mehta JV). **Presented** at International Forum on Quality and Safety in Health Care, 17-20 March 2009, ICC, Berlin. Abstract **Published** <http://internationalforum.bmj.com/2009-forum/international-forum-posters/improving-clinicalcare/orthopaedics>. **Presented** at the annual audit symposium at Royal College of surgeons of Edinburgh, March 2009. Abstract **published**- <http://www.rcsed.ac.uk/site/953/DesktopDefault.aspx?tabid=953>.

23. Audit on patient satisfaction and discharge procedures at Avon Orthopaedic Centre Orthopaedic day surgery Unit (**Banerjee P**, Blewitt N) Presented at the British association of day surgery 2009. Abstract **published** in Journal of one day surgery; Volume 19 (spl), 2009, page 86. Presented at the annual audit symposium at Royal College of Surgeons of Edinburgh March 2009. Abstract **published**-  
<http://www.rcsed.ac.uk/site/953/DesktopDefault.aspx?tabid=953>.
24. Audit on application of Ottawa ankle rules – how far it is justified in children (0-17 years) with ankle injuries (**Banerjee P**, Roy S, Das RK) at Hinchingsbrooke Emergency department from Oct 2005 - March 2006. **Presented** at British Trauma Society at Leeds Oct 2006. Abstract **published** in Injury Extra, Volume 38, Issue 4, April 2007, Pages 168-169.
25. Audit on CT scan criteria in head injury patients in a district hospital at Cambridgeshire (**Banerjee P**, Tolat V, Das RK) from Jan – Jun 2005. Presented in junior doctor's presentation competition at Hinchingsbrooke Hospital. Presented at British Trauma Society at Leeds Oct 2006. Abstract **published** in Injury Extra, Volume 38, Issue 4, April 2007, Page 114.

## Research

1. Is there an increased likelihood of adjacent level disc degeneration and ossification after anterior cervical discectomy and fusion for fracture dislocation of neck. Otero M, **Banerjee P**. **Presented** in BASS 2023.
2. I am contributor as international faculty for validation of AOSpine subaxial cervical spine fracture classification 2020.
3. I am contributor as international faculty for validation of AOSpine sacral fracture classification 2020.
4. I have conducted a survey of patient's mental health who were awaiting spinal surgery for degenerative spinal conditions and got delayed due to COVID19 induced lockdown. **Presented** at Global spine meeting Prague 2023.
5. The use of bladder scan in diagnosis of cauda equine syndrome (meta-analysis and systematic review study) Boktor J, Al shawani A, **Banerjee P**. **Presented** at BOA congress 2020. Accepted Global spine meeting 2021.
6. Effects of COVID19 on mental health of patients awaiting elective degenerative spine surgery in the UK. Al shawani A, **Banerjee P**. **Accepted** Global spine meeting 2021.
7. We have reviewed the practice of surgeon monitored neuromonitoring amongst children undergoing spinal deformity correction and found this to be a safe & reliable technique with advantage of being cheaper than commercial neuromonitoring. **Presented** at British scoliosis research society 2018.

8. We have reviewed the trend in undertaking cement augmentation amongst spine surgeons in England & Wales over last 10 years. We failed to detect any change in trend associated with publication of level 1 evidence refuting the advantages of such procedures. **Presented** at BOA 2018.
  
9. I have reviewed the radiation exposure of children in emergency department following acute trauma. We found there is a small but substantial increase risk of radiation induced cancer and can be avoided by undertaking MRI instead of CT scan. **Presented** at AOSpine Global Spine meeting 2018.
  
10. We have looked into the incidence of true cauda equina syndrome amongst children in our practice and found their incidence to be very low. **Presented** at AOSpine Global Spine meeting 2018.
  
11. I worked as a research fellow in a regional centre of excellence. I was involved in conducting a randomised control trial at the South West London Elective Orthopaedic centre. I undertook literature review, defined a research question, developed the protocol, and obtained ethical as a part of multi-disciplinary team involved in the trial.  
I have developed a standard operating procedure on recruitment strategy, staff training and patient tracking. The study is funded by the NHS trust.  
  
This study investigates per-operative, local anaesthetic wound infiltration used in hip replacement surgery to reduce post operative pain. It should be possible to predict the optimal combination for postoperative pain relief from this research. I have completed my good clinical practice course and research methods course from Cambridge University. I have collected data to calculate sample size before the trial has started.  
  
This project helped me to develop flexibility, time management and prioritisation skills to keep up with deadlines. It has enhanced my communication, networking and leadership skills by virtue of exposure to various individuals that I need to deal with while managing the research. The biggest skills I have developed are perseverance and patience. These qualities will help me while working in the stressful environment that I expect to experience as an orthopaedic consultant.
  
12. Epiphyseal injuries of the distal tibia – an epidemiological study at Southampton General Hospital (**Banerjee P**, Seal, Clarke, Uglow) paediatric orthopaedics unit from 1990-2004. **Presented** at British Society for Children's Orthopaedic surgery (BSCOS) 2006.

## **Teaching experience**

- I am a co director for the Intercollegiate basic surgical course (IBSS) RCS England
  
- I was a faculty and co convener of the spine neurosurgery course in the east of Scotland neurosurgical trainees.

- I am faculty lead for the spinal module at University of Dundee MCh orthopaedics course.
- I chair the annual cadaveric spine course at University of Dundee for MCh Orthopaedics students
- I am a demonstrator in orthopaedic surgery for the Kings College student's conference as a faculty /demonstrator to encourage medical students to pursue a career in orthopaedics.
- I was involved in GMC pilot on formal assessment of doctors in difficulty as an assessor.
- I ran the departmental teaching programme for juniors at Frimley park hospital where I have achieved excellent feedback on the programme.
- I have made teaching presentations in orthopaedic deanery teaching for higher surgical trainees for KSS deanery. I use a mixture of didactic teaching along with discussion and self-directed learning, this helps to create a balance and maintain my student's interest. I encourage student participation and allow them to ask questions as I go along. This interactive teaching experience has increased my confidence in communicating with patients from different age groups. I shall demonstrate these skills during my career as consultant while managing and educating patients in wards and clinics.
- I have completed the Training the Trainer Course from Royal College of Surgeons 2009 which taught me the basic principles involved in adult learning process. This course helped me to evolve as a better teacher.
- I successfully completed the certificate course of surgical teaching at Warwick University June 2011

### **Courses attended**

- |   |            |
|---|------------|
| 1. Spine deformity correction hands on course (SRS) | Oct2021    |
| 2. AO Spine Principles Hybrid Course—Spine Injuries | May2021    |
| 3. MIS spine course Stryker Europe                  | Jul 2019   |
| 4. Spine trauma course AOSpine Global spine meeting | May 2018   |
| 5. Complex cases in Spine surgery AOSpine UK        | Nov 2017   |
| 6. Spinal cadaveric course for neurosurgeons UK     | July 2017  |
| 7. Spine week at Ulm Germany                        | March 2017 |

8. Oswestry Spinal imaging course UK	Nov 2016
9. Spinal surgery course for residents (AO North America)	Aug 2016
10. Anatomy & surgical exposure course Oswestry	Apr 2015
11. Orthopaedic basic science course (Oswestry)	Jan 2015
12. ATLS Course (RCS England)	May 2022
13. Training the trainer Course Royal College of Surgeons of Edinburgh	Nov 2009
14. Core Skills in Operative orthopaedics Royal College of Surgeons of England	May 2008
15. AO Basic fracture Fixation Course AO UK	June 2007
16. Primary Knee Arthroplasty Course Royal College of Surgeons of England	Feb 2007
17. Primary Hip Arthroplasty Course Royal College of surgeons of England	Feb 2007
18. Thirty-Sixth Instructional Course British Orthopaedic Association	Jan 2007
19. ALS COURSE (Resus council UK)	Sept 2006
20. Basic Medical Research Workshop Cambridge University	Sep 2006
21. CCrISP Course (RCS England)	Nov 2005
22. Basic Surgical Skills Course (RCS England)	June 2005
23. Sixth European trauma Update Hildesheim Germany	June 2004

### **Management & leadership experience**

- I am the lead for implementation of day case spine surgery at Barts NHS Healthcare Trust
- I was the spinal representative from Kettering hospital spine unit to the East Midlands spine network as a board member
- I have introduced Minimally invasive spine surgery with 23 hours stay at

- Kettering Hospital
- I have developed a spine MDT at Dundee to discuss all complex spine cases prospectively before surgery.
- I was a convener of the spine neurosurgery course East of Scotland.
- I have arranged Formal teaching sessions for radiologists and spine specialist physiotherapists on current investigations and management strategies for back pain.
- I have received a certificate of excellent team leader from learning from experience committee at Ninewells Hospital 2019.
- I have undertaken formal management and leadership skills course in 2017.
- I attend clinical governance meetings in my department. I practice medicine following the principles of information and clinical governance.
- I undertook a governance audit that was presented at the international meeting on quality & safety in health care - Berlin. It is also published online <http://internationalforum.bmj.com/2009-forum/international-forum-posters/improving-clinical-care/orthopaedics>.

## **Referees**

1. Mr Amit Amit  
Consultant spine surgeon  
Kettering General Hospital  
Rothwell Road Kettering  
Email: [amit.amit@nhs.net](mailto:amit.amit@nhs.net)
2. Miss Heinke Pulhorn FRCS (SN)  
Consultant spine surgeon  
Ninewells Hospital  
Dundee Scotland

Email: heinke.pulhorn@nhs.net

3. Mr Darren Lui FRCS (orth)  
Consultant orthopaedic spine surgeon  
St George's University hospital  
Blackshaw Road London  
SW17 0AR  
Email: darren.lui@stgeorges.nhs.uk