

EDUCATION • SURGERY

QUEEN'S ARTHROPLASTY COURSE 2026

Hip & Knee Arthroplasty

From Fundamentals to Advanced Practice

12th & 13th December 2026

Two-day intensive programme

Queen's Hospital Education Centre, Romford

Live surgery relay from King George Hospital, Elective Orthopaedic Hub

CPD ACCREDITATION APPLIED FOR

A practical, progressive arthroplasty programme

- Live hip & knee surgery relay
- Hip & knee fundamentals
- Complex & revision arthroplasty
- Robotic joint replacement
- Saw bone session & case discussion

COURSE CONVENOR

Mr Krishna Kanth Vemulapalli

Consultant Trauma & Orthopaedic Surgeon, Queen's and King George Hospitals, BHRUT

COURSE FEE

£200

Two full days, including lunch & refreshments



Register now

bookcpd.com/events/queens-arthroplasty-course-2026

Course faculty

Practising arthroplasty surgeons from Queen's Hospital and invited specialist centres, teaching across fundamentals, complex reconstruction, joint preservation and robotics.



COURSE CONVENOR

Mr Krishna Kanth Vemulapalli

Consultant Trauma & Orthopaedic Surgeon, Queen's and King George Hospitals, BHRUT • Honorary Senior Lecturer, Queen Mary University of London

Over 19 years of consultant experience, with a broad trauma and orthopaedic practice and particular expertise in foot and ankle surgery, paediatric orthopaedics and complex trauma. Former Clinical Lead for Trauma & Orthopaedics at BHRUT and Departmental Clinical Tutor; BOFAS Education Committee member and National Mentor, MRCS and SICOT examiner, and currently SAC Liaison Officer for Trauma & Orthopaedics. As Clinical Lead he developed the award-winning BONES initiative for high-volume elective surgery, and he has convened numerous FRCS (Orth) revision and arthroplasty courses.



Prof. Vikas Khanduja

Consultant Orthopaedic Surgeon, Addenbrooke's, Cambridge University Hospitals

A global leader in the preservation and arthroplasty aspects of hip surgery, with a particular interest in arthroscopic hip surgery, he established Cambridge's tertiary service for young adults with hip pathology. Author of over 200 peer-reviewed articles and three books. President of SICOT, BOA Council member and trustee, and Past President of the British Hip Society.



Mr Jeh Mahaluxmivala

Consultant Orthopaedic Surgeon, Princess Alexandra Hospital, Harlow

Special interests in knee replacement, hip replacement and revision knee surgery. Trained at the RNOH, Stanmore with visiting fellowships in North American hip and knee units. Trainer of the Year on the Royal London rotation, co-director of the Mahaluxmivala-Sherman FRCS (Orth) Viva Revision Course and Course Director of the Harlow Knee Replacement Course.



Prof. Ajay Malviya

Consultant Lower Limb Arthroplasty Surgeon, Northumbria Healthcare NHS Foundation Trust

Academic and Quality Lead for Trauma & Orthopaedics at Northumbria, one of the UK's pioneering centres for day case hip and knee arthroplasty, and has published and presented extensively on enhanced recovery and day case joint replacement. Visiting Professor at Sunderland, Senior Lecturer at Newcastle, BOA Council member and Vice President of the British Hip Society.



Mr K H Sunil Kumar

Consultant Trauma & Orthopaedic Surgeon, Addenbrooke's, Cambridge University Hospitals

A special interest in young adult hip surgery, covering hip arthroscopy, femoral osteotomy, periacetabular osteotomy and primary total hip arthroplasty. Trained on the East of England programme, with specialist training at Cambridge and Northumbria and a travelling fellowship to Chicago, Colorado, Fribourg and Bern.



Mr Mustafa Al-Yaseen

Consultant Trauma & Orthopaedic Surgeon, Queen's and King George Hospitals, BHRUT

Adult lower limb reconstruction, primary and revision hip and knee arthroplasty, Mako robotic joint replacement and soft tissue knee surgery, with subspecialty fellowship training at RNOH Stanmore and Buckinghamshire Healthcare. Examines for university OSCEs and FRCS revision courses and publishes and presents at BOA, SICOT and EFORT.



Mr Ahmad Ali

Consultant Knee Surgeon, Queen's and King George Hospitals, BHRUT

A consultant knee specialist at BHRUT since 2003, trained in Oxford, Sheffield and on the North West programme, with a knee fellowship in multiple ligament reconstruction and primary and revision knee replacement, and time in two major Canadian units. A founder member of the Essex Knee Group and a user of computer-navigated knee replacement.

Course faculty continued



Mr Nelson Bua

Consultant Hip and Knee Arthroplasty Surgeon, Queen's and King George Hospitals, BHRUT

Trained on the Percivall Pott London rotation, followed by an international fellowship in arthroplasty and lower extremity reconstruction at Sunnybrook, Toronto, including the direct anterior approach, and the post-CCT Hampshire Hip Fellowship. Particular interest in quality improvement, patient safety and pathway optimisation.



Mr Neil Chotai

Consultant Orthopaedic Surgeon, Queen's and King George Hospitals, BHRUT

Primary and revision hip and knee arthroplasty and general trauma. Royal London rotation trained, with an international fellowship in Switzerland and domestic fellowships in Coventry and at the Royal Berkshire in arthroplasty and infection. Lead registrar supervisor at Queen's and co-chair of the department's FRCS course.



Mr Wahidun Nabi

Consultant Orthopaedic Surgeon, Queen's and King George Hospitals, BHRUT

Hip and knee surgery across the full range of lower limb conditions, from arthritis and sports injuries to complex revision. Royal London rotation trained, with lower limb fellowships at Guy's and St Thomas' in robotic and computer-assisted joint replacement and at Barts Health in complex and revision surgery. Holds a Masters in Medical Education.



Mr Asif Parkar

Consultant Trauma & Orthopaedic Surgeon, Queen's and King George Hospitals, BHRUT

Royal London rotation trained, with fellowships at Barts Health, Guy's and St Thomas' and in Calgary. Practice covers sports knee injuries, ligament reconstruction, partial knee replacement, primary and revision TKR and THR, and osteotomy around the knee. Departmental infection control lead and Trainer of the Year, London Deanery.



Mr Shivakumar Shankar

Consultant Orthopaedic and Trauma Surgeon, Queen's and King George Hospitals, BHRUT

Fellowship-trained in computer and robotic navigation-assisted hip and knee arthroplasty, and the first surgeon to perform computer-assisted THR in Essex and North East London. Involved in over 3,000 procedures including more than 1,000 joint replacements, with fellowships at RNOH Stanmore, the Golden Jubilee, Glasgow and Rummelsberg, Germany.



Mr James Wong

Consultant Orthopaedic Surgeon and Clinical Lead for Trauma & Orthopaedics, Queen's and King George Hospitals, BHRUT

Dedicated to hip and knee surgery, in particular knee arthroscopy and joint replacement, with a specialist interest in robotic surgery. RNOH rotation trained, FRCS (Tr & Orth) 2010, with fellowships at the Royal Melbourne and Epworth Hospitals and the Joint Reconstruction Unit at RNOH Stanmore. Well published, including on revision hip surgery.

CPD accreditation has been applied for. Certificates of attendance will be issued to all delegates.

A focused two-day journey through modern arthroplasty

Designed for orthopaedic trainees and surgeons who want to develop, consolidate and update their knowledge and skills in hip and knee arthroplasty. The programme is structured progressively: Day 1 establishes the fundamentals and core principles, while Day 2 addresses advanced concepts, complex decision-making and recent developments including robotic surgery.

01

FOUNDATIONS

Core principles of hip and knee arthroplasty: patient selection, planning, approaches, implants, bearings and fixation.

02

LIVE SURGERY

Four live surgery relays from King George Hospital, Elective Orthopaedic Hub, with faculty commentary and moderated discussion.

03

ADVANCED PRACTICE

Complex primary and revision arthroplasty, osteotomy, joint preservation, navigation and contemporary technologies.

04

ROBOTICS

Patient selection, robotic planning, and live robotic total hip and total knee replacement.

Who should attend?

- Senior SHOs planning an orthopaedic career
- Specialist Registrars preparing for examinations and independent practice
- Staff Grade / Associate Specialist surgeons
- Recently appointed Consultants wishing to strengthen or refresh contemporary arthroplasty knowledge

Course highlights

- Surgical approaches and operative technique
- Implant selection and fixation principles
- Management of intra- and post-operative problems
- Revision arthroplasty and complex cases
- Osteotomy around the knee and hip preservation
- Case-based discussion and practical decision-making

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Basics — building a strong foundation

A structured introduction to the principles of hip and knee arthroplasty, combining concise faculty teaching with live surgery and a practical saw bone session.

TIME	TOPIC	FACULTY
8.00 – 8.30	Registration & coffee	Queen's Hospital Education Centre
8.30 – 8.40	Introduction & housekeeping	Krishna Vemulapalli
8.40 – 8.55	History and evolution of Total Knee Replacement	James Wong
8.55 – 9.10	Technique – varus / valgus knee	Neil Chotai
9.10 – 9.25	TKR designs: CR / PS / medial pivot, kinematic balancing, patella resurfacing	Asif Parkar
9.30 – 11.00	LIVE SURGERY RELAY — Total Knee Replacement, varus knee	Ahmad Ali / Mustafa Al-Yaseen Moderator: Asif Parkar
11.00 – 11.20	<i>Tea & coffee</i>	
11.20 – 11.35	History and evolution of Total Hip Replacement	Nelson Bua
11.35 – 11.50	Cemented, uncemented, hybrid and reverse hybrid THR	Wahidun Nabi
11.50 – 12.05	Hip approaches – anterolateral, posterior & direct anterior	Nelson Bua
12.05 – 1.30	LIVE SURGERY RELAY — Total Hip Replacement, anterolateral approach	James Wong / Mustafa Al-Yaseen Moderator: Shivakumar Shankar
1.30 – 2.15	<i>Lunch</i>	
2.15 – 2.25	Commonly encountered intra- and post-operative complications in THR & TKR	Shivakumar Shankar
2.25 – 2.40	Types of bearings in THR	Neil Chotai
2.40 – 2.55	Evolution of polyethylene and poly wear	James Wong
2.55 – 3.10	History and evolution of bone cement	Wahidun Nabi
3.10 – 3.25	Rehabilitation post THR & TKR	Jenny Smith
3.25 – 3.40	Post-operative X-ray evaluation of THR & TKR	Mustafa Al-Yaseen
3.40 – 4.00	<i>Coffee</i>	
4.00 – 4.15	Questions to faculty	Entire faculty
4.15 – 5.00	SAW BONE SESSION — group tables	Entire faculty
5.00	Closing remarks	Krishna Vemulapalli

Programme correct at time of publication; timings may be subject to minor adjustment.

Advanced — complex cases, preservation & robotics

A focused programme addressing challenging arthroplasty decision-making, revision surgery, joint preservation, osteotomy, computer navigation and robotic surgery.

TIME	TOPIC	FACULTY
8.15 – 8.30	Registration	Queen's Hospital Education Centre
8.30 – 8.45	Why does total hip replacement fail?	Vikas Khanduja
8.45 – 9.00	Complex primary THR and revision THR – principles & approach	Vikas Khanduja
9.00 – 9.10	Patient selection and planning for robotic surgery	Asif Parkar
9.10 – 10.40	LIVE SURGERY RELAY — Robotic Total Hip Replacement, posterior approach	Shivakumar Shankar / James Wong Moderator: Asif Parkar
10.40 – 11.00	Coffee	
11.00 – 11.15	Why does total knee replacement fail?	Jehangir Mahaluxmivala
11.15 – 11.30	Complex primary TKR and revision TKR – principles & approach	Jehangir Mahaluxmivala
11.30 – 1.00	LIVE SURGERY RELAY — Robotic Total Knee Replacement, valgus knee	Asif Parkar / James Wong Moderator: Shivakumar Shankar
1.00 – 1.45	Lunch	
1.45 – 2.00	Osteotomy around the knee – work-up for varus / valgus knee	Ahmad Ali
2.00 – 2.15	Peri-acetabular osteotomy of the hip – indications and results	Sunil Kumar Karadi
2.15 – 2.30	Computer navigation in THR & TKR	Shivakumar Shankar
2.30 – 2.45	Day case arthroplasty – THR & TKR	Ajay Malviya
2.45 – 3.00	Knee resurfacing: medial UNI, lateral UNI & PFJR	Asif Parkar
3.00 – 3.10	Coffee	
3.10 – 3.30	Questions to faculty & case-based discussion	Entire faculty
3.30	Closing remarks & feedback	Krishna Vemulapalli

Why this course?

A concise, high-yield programme built around the way arthroplasty is actually practised: fundamentals first, then increasingly complex decision-making, supported by live surgery and practical discussion.

HIP ARTHROPLASTY

- THR evolution and bearing choices
- Cemented, uncemented, hybrid & reverse hybrid fixation
- Anterolateral, posterior & direct anterior approaches
- Why THR fails: complex primary and revision THR

KNEE ARTHROPLASTY

- TKR evolution and implant designs
- Varus / valgus technique
- Kinematic balancing & patella resurfacing
- Why TKR fails: complex primary and revision TKR
- Medial / lateral UNI & PFJR

ADVANCED & PRESERVATION

- Osteotomy around the knee
- Peri-acetabular osteotomy
- Computer navigation
- Day case arthroplasty
- Current concepts & evolving technologies

PRACTICAL LEARNING

- Live TKR and THR surgery relays
- Live robotic THR & TKR
- Saw bone session
- Case-based discussion and faculty Q&A

REGISTER NOW

Course fee **£200** per delegate, both days

<https://bookcpd.com/events/queens-arthroplasty-course-2026>

CPD accreditation applied for. Places are strictly limited to ensure high-quality teaching, discussion and interaction with the faculty. Early registration is advised.



SCAN TO REGISTER

VENUE

Queen's Hospital Education Centre, Romford, Essex
With live surgery video relay from King George Hospital,
Elective Orthopaedic Hub.

COURSE CONVENOR

Mr Krishna Kanth Vemulapalli
Consultant Trauma & Orthopaedic Surgeon, Queen's and
King George Hospitals, BHRUT