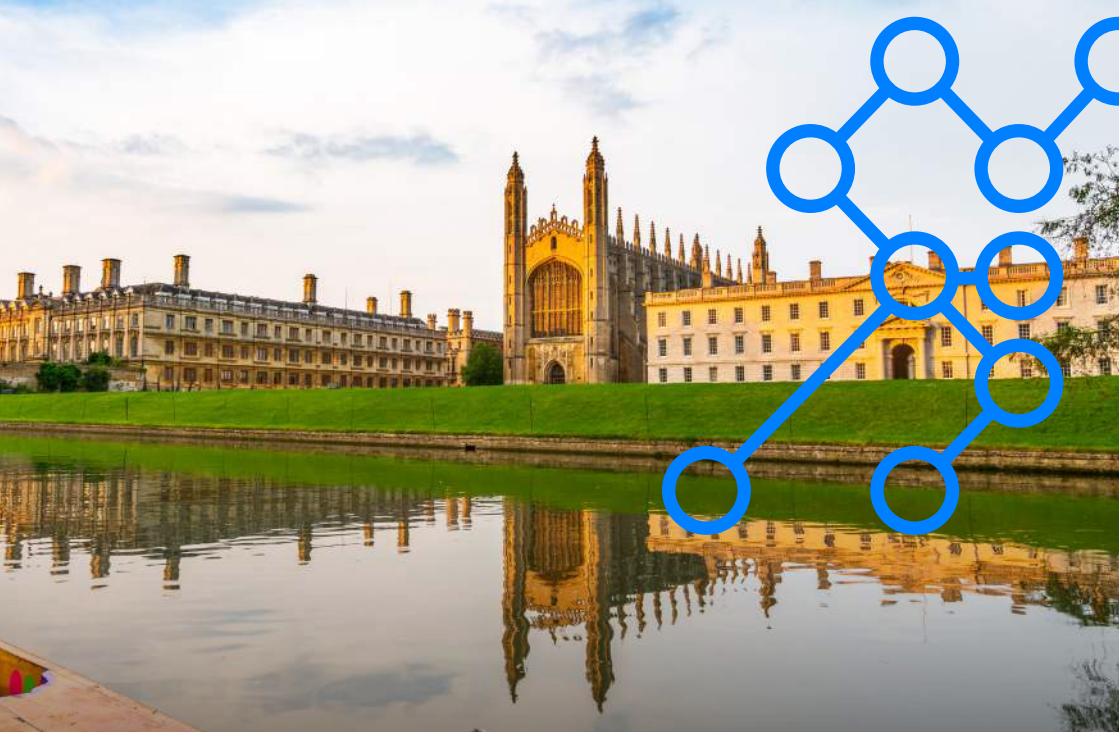




Cambridge University Hospitals 
NHS Foundation Trust

Cambridge basic science FRCS (Tr & Orth) revision course



Date: 28–30 March 2023
Venue: West Court, Jesus College, Cambridge
CPD: Awarded 18 CPD hours by RCSEd
Convenor: Mr Vikas Khanduja

Cambridge basic science FRCS (Tr & Orth) revision course



 28—30 March 2023

 West Court, Jesus College,
Cambridge

Course convenor:

Mr Vikas Khanduja,
Consultant Orthopaedic Surgeon,
[Addenbrooke's Hospital](#)

Registration fees

Lectures with vivas:..... £495

Lectures only:..... £300

Find out more and register here:

[www.oruk.org/upcoming-events/
cambridgebsc](http://www.oruk.org/upcoming-events/cambridgebsc)

Educational aims and objectives

Aimed at trainees who are in their earlier years of training and those preparing for the FRCS (Tr & Orth) examination. This course is also suitable for consultant orthopaedic surgeons in practice who wish to refresh their knowledge in orthopaedic basic sciences.

Designed to provide delegates with a comprehensive update on all topics that are assessed in the examination and are clinically relevant. It includes interactive lectures as well as mock vivas, thus providing delegates ample time to gain knowledge and also refine their examination technique.

What delegates say about this course

"It is good value for money. Very intense 3 day course covering everything you need to know for the FRCS."

"This course has really put me on right track to crack my exam with a correct approach"

"I was dreading basic science for the exam but after this course I feel more confident that I will be able to answer and structure my answers more appropriately. I am now aware of what I need to work on and the high yield topics to revise for the exam."

Programme (day 1) - Tuesday 28 March 2023

09:10	Registration and refreshments
09:25	Introduction and welcome Mr Vikas Khanduja, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
09:30	Candidate's view of the exam Mr Anand Shah, SpR, Addenbrooke's Hospital
09:45	Examiner's view of the exam Mr Vikas Khanduja, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
10:00	Basic science of the spine and biomechanics Mr John Crawford, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
10:30	Basic biomechanics Mr Arman Memarzadeh, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
10:50	Biomechanics of native and replaced knee Mr Arman Memarzadeh, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
11:10	Refreshments
11:30	Genetics Mr Anish Sanghrajka, Consultant Orthopaedic Surgeon, Norfolk and Norwich University Hospitals NHS Trust
11:50	Limb development and growth plate Mr Anish Sanghrajka
12:10	Shoulder and elbow biomechanics Mr Niel Kang, Consultant Trauma & Orthopaedic Surgeon, Addenbrooke's Hospital
12:30	Nerve and nerve conduction studies Mr Phil Johnston, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
12:50	Imaging Mr Sunil Kumar, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
13:10	Lunch
14:00	Vivas
15:15	Refreshments
15:35	Vivas
16:50	Close of day

Viva faculty includes:

Mr Steven Cutts, Mr Phil Johnston, Mr Niel Kang, Mr Vish Kumar
Mr Vikas Khanduja, Mr Sunil Kumar, Mr Arman Memarzadeh, Mr Pradyumna Raval,
Mr Shiraz Sabah, Mr Anish Sanghrajka, Mr Anand Shah, Mr Zain Sohail

Programme (day 2) - Wednesday 29 March 2023

07:30	Refreshments
08:00	Metabolic bone disease Mr Sunil Kumar, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
08:20	Statistics Mr Wasim Khan, Clinical Lecturer and Honorary Consultant Trauma & Orthopaedic Surgeon, Addenbrooke's Hospital
08:40	Orthotics Mr Krishna Vemulapalli, Consultant Orthopaedic Surgeon, Barking, Havering & Redbridge Hospitals NHS Trust
09:00	Foot and ankle biomechanics Mr Krishna Vemulapalli
09:20	Bone dysplasias Ms Kuldeep Stöhr, Consultant - Trauma & Orthopaedics (Paediatric), Addenbrooke's Hospital
09:40	Refreshments
10:20	Biomechanics of fracture fixation Mr Jai Rawal, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
10:40	Biomechanics of the native and replaced hip Mr Jeh Mahaluxmivala, Consultant Orthopaedic Surgeon, Princess Alexandra Hospital
11:00	Articular cartilage and meniscus Mr James Gill, Consultant Orthopaedic Surgeon, Ipswich Hospital
11:30	Research methodology Mr Vikas Khanduja, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
11:50	Prosthetics Mr Jeh Mahaluxmivala, Consultant Orthopaedic Surgeon, Princess Alexandra Hospital
12:10	Lunch
13:10	Vivas
14:25	Refreshments
14:45	Vivas
16:00	Close of day

Viva faculty includes:

Mr Steven Cutts, Mrs Nicola Evans, Mr James Gill, Mr Wasim Khan, Mr Vish Kumar,
Mr Jeh Mahaluxmivala, Mr Pradyumna Raval, Mr Jai Rawal, Mr Anand Shah, Mr Zain Sohail,
Mr Krishna Vemulapalli

Programme (day 3) - Thursday 30 March 2023

07:30	Refreshments
08:00	Bone structure Mr Lee Van Rensburg, Consultant Trauma and Orthopaedic Surgeon, Addenbrooke's Hospital
08:20	Bone healing Mr Lee Van Rensburg
08:40	Tendon and ligament Mr Graham Tytherleigh-Strong, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
09:00	Tribology and corrosion Mr Satish Kutty, Consultant Orthopaedic Surgeon and Clinical Lead, Princess Alexandra Hospital
09:20	Muscle Mr Pranai Buddhdev, Consultant Orthopaedic Surgeon, Mid and South Essex NHS Foundation Trust
09:40	Gait Mr Mark Latimer, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
10:00	Basic science of osteoarthritis and regenerative strategies in orthopaedics Professor Andrew McCaskie, Professor of Orthopaedic Surgery and Research Director, Division of Trauma and Orthopaedic Surgery, University of Cambridge
10:25	Refreshments
10:40	Biomaterial behaviour and biomaterials in arthroplasty Mr Daud Chou, Consultant Trauma and Orthopaedic Surgeon, Addenbrooke's Hospital
11:00	Infection and operating room design Mr Vikas Khanduja, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
11:20	Orthopaedic oncology for the FRCS (Tr & Orth) Mr William Aston, Consultant Joint Reconstruction and Sarcoma Surgeon, RNOH
12:05	Recent exam questions Mr Anand Shah, Mr Pradyumna Raval, Mr Zain Sohail, SpRs, Addenbrooke's Hospital
12:25	Lunch
13:15	Vivas
14:30	Refreshments
14:50	Vivas
16:05	Close of course

Viva faculty includes:

Mr Pranai Buddhdev, Mr Daud Chou, Mr Steven Cutts, Mrs Nicola Evans,
Mr Satish Kutty, Mr Mark Latimer, Mr Pradyumna Raval,
Mr Lee Van Rensburg, Mr Anand Shah, Mr Zain Sohail, Mr Graham Tytherleigh-Strong

How to get here



Venue address

West Court, Jesus College, Jesus Lane,
Cambridge, CB5 8BL

Travelling by car

Jesus College's vehicle entrance is on Victoria Avenue. Please check with us before your journey to make sure that parking spaces will be available when you visit.

There are also various Park and Ride schemes if you would prefer to not drive into central Cambridge.

Travelling by train

A regular train services runs to Cambridge from London's Kings Cross Station, London Liverpool Street Station and many other mainline UK stations.

The College is located approximately 2miles (3.2 kilometres) from the railway station. Buses run about every 10 minutes and there is a taxi rank outside the station. Taxis cost around £8.

Travelling by bus/coach

The Drummer Street bus station is within walking distance of the College. For information about coach services to Cambridge please see the National Express or Stagecoach websites.

Travelling by air

The nearest airport is Stansted (c 32 miles / 51km). Heathrow is approximately 71 miles / 114km away, and Gatwick 96 miles / 154km.

There are regular train services between Cambridge and Stansted. National Express operates bus services between Cambridge and all three airports mentioned above.



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