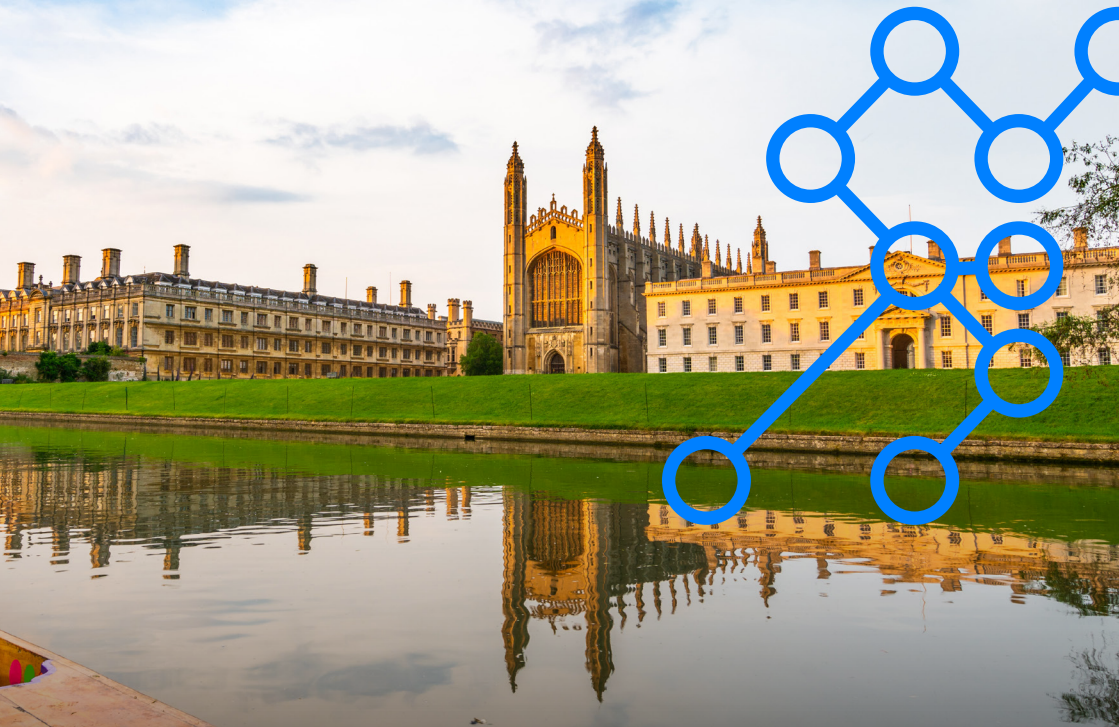


# Cambridge basic science FRCS (Tr & Orth) revision course



**Date:** 12–14 March 2025  
**Venue:** West Court, Jesus College, Cambridge  
**CPD:** Awarded 18 CPD hours by RCSEd  
**Convenor:** Professor Vikas Khanduja

# Programme (day 1) - Wednesday 12 March 2025

<b>09:30</b>	<b>Registration and refreshments</b>
<b>09:55</b>	<b>Introduction and welcome</b> Professor Vikas Khanduja, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
<b>10:00</b>	<b>Candidate's view of the exam</b> Ms Kriti Singhania, Registrar, Trauma & Orthopaedics, East of England
<b>10:15</b>	<b>Examiner's view of the exam</b> Professor Vikas Khanduja, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
<b>10:30</b>	<b>Basic biomechanics</b> Mr Krishna Vemulapalli, Consultant Orthopaedic Surgeon, Barking, Havering & Redbridge Hospitals NHS Trust
<b>10:50</b>	<b>Basic science of the spine and biomechanics</b> Mr John Crawford, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
<b>11:20</b>	<b>Foot and ankle biomechanics</b> Mr Krishna Vemulapalli, Consultant Orthopaedic Surgeon, Barking, Havering & Redbridge Hospitals NHS Trust
<b>11:40</b>	<b>Refreshments</b>
<b>12:00</b>	<b>Nerve and nerve conduction studies</b> Mr Phil Johnston, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
<b>12:20</b>	<b>Orthotics</b> Mr Krishna Vemulapalli, Consultant Orthopaedic Surgeon, Barking, Havering & Redbridge Hospitals NHS Trust
<b>12:40</b>	<b>Basic science of osteoarthritis and regenerative strategies in orthopaedics</b> Professor Wasim Khan, Associate Professor and Honorary Consultant Trauma & Orthopaedic Surgeon, Addenbrooke's Hospital
<b>13:00</b>	<b>Lunch</b>
<b>14:00</b>	<b>Vivas</b>
<b>15:30</b>	<b>Refreshments</b>
<b>15:50</b>	<b>Vivas</b>
<b>16:50</b>	<b>Close of day</b>

## Viva faculty

Mr Steven Cutts, Mr Hassan Fawi, Mr Phil Johnston, Professor Vikas Khanduja, Mr Anand Shah, Ms Kriti Singhania, Mr Krishna Vemulapalli

# Programme (day 2) - Thursday 13 March 2025

<b>07:45</b>	<b>Refreshments</b>
<b>08:00</b>	<b>Imaging</b> Mr Sunil Kumar, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
<b>08:20</b>	<b>Bone structure</b> Mr Lee Van Rensburg, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
<b>08:40</b>	<b>Bone Healing</b> Mr Lee Van Rensburg
<b>09:00</b>	<b>Gait</b> Mr Mark Latimer, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
<b>09:20</b>	<b>Genetics</b> Mr Mark Latimer
<b>09:40</b>	<b>Limb development and growth plate</b> Mr Anand Shah, Research Fellow - Young Adult Hip Research Group, Addenbrooke's Hospital
<b>10:00</b>	<b>Bone dysplasias</b> Ms Kuldeep Stöhr, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
<b>10:20</b>	<b>Refreshments</b>
<b>11:00</b>	<b>Biomechanics of fracture fixation</b> Speaker To be confirmed
<b>11:20</b>	<b>Biomechanics of native and replaced knee</b> Mr James Gill, Consultant Orthopaedic Surgeon, Ipswich Hospital
<b>11:40</b>	<b>Biomechanics of native and replaced hip</b> Mr Jeh Mahaluxmivala, Consultant Orthopaedic Surgeon, Princess Alexandra Hospital
<b>12:00</b>	<b>Q&amp;A</b>
<b>12:20</b>	<b>Infection and operating room design</b> Professor Vikas Khanduja, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
<b>12:40</b>	<b>Articular cartilage and meniscus</b> Mr James Gill, Consultant Orthopaedic Surgeon, Ipswich Hospital
<b>13:00</b>	<b>Lunch</b>
<b>14:00</b>	<b>Vivas</b>
<b>15:30</b>	<b>Refreshments</b>
<b>15:50</b>	<b>Vivas</b>
<b>16:50</b>	<b>Close of day</b>

## Viva faculty

Mr Steven Cutts, Mr James Gill, Mr Sunil Kumar, Mr Mark Latimer,  
Mr Anand Shah, Mr Majeed Shakokani, Ms Kriti Singhania, Mr Zain Sohail, Mr Lee Van Rensburg

# Programme (day 3) - Friday 14 March 2025

<b>07:45</b>	<b>Refreshments</b>
<b>08:00</b>	<b>Biomaterial behaviour and biomaterials in arthroplasty</b> Mr Majeed Shakokani, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
<b>08:20</b>	<b>Prosthetics</b> Mr Jeh Mahaluxmivala, Consultant Orthopaedic Surgeon, Princess Alexandra Hospital
<b>08:40</b>	<b>Metabolic bone disease</b> Mr Sunil Kumar, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
<b>09:00</b>	<b>Statistics</b> Professor Wasim Khan, Associate Professor and Honorary Consultant Trauma & Orthopaedic Surgeon, Addenbrooke's Hospital
<b>09:30</b>	<b>Shoulder and elbow biomechanics</b> Ms Salma Chaudhary, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
<b>09:50</b>	<b>Tribology and corrosion</b> Mr Anand Shah, Research Fellow - Young Adult Hip Research Group, Addenbrooke's Hospital
<b>10:20</b>	<b>Refreshments</b>
<b>10:40</b>	<b>Muscle</b> Professor Wasim Khan, Associate Professor and Honorary Consultant Trauma & Orthopaedic Surgeon, Addenbrooke's Hospital
<b>11:00</b>	<b>Tendon and ligament</b> Mr Graham Tytherleigh-Strong, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
<b>11:20</b>	<b>Orthopaedic oncology for the FRCS (Orth)</b> Mr William Aston, Consultant Joint Reconstruction and Sarcoma Surgeon, RNOH
<b>12:05</b>	<b>Recent exam questions</b> Mr Hassan Fawi, Senior Spinal Fellow, Ipswich Hospital Ms Kriti Singhania, Registrar, Trauma & Orthopaedics, East of England
<b>12:25</b>	<b>Lunch</b>
<b>13:10</b>	<b>Vivas</b>
<b>14:10</b>	<b>Refreshments</b>
<b>14:25</b>	<b>Vivas</b>
<b>15:55</b>	<b>Close of course</b>

## Viva faculty

Ms Salma Chaudhary, Mr Steven Cutts, Professor Wasim Khan,  
Mr Sunil Kumar, Mr Jeh Mahaluxmivala, Dr Pradyumna Raval,  
Ms Kriti Singhania, Mr Zain Sohail, Mr Graham Tytherleigh-Strong