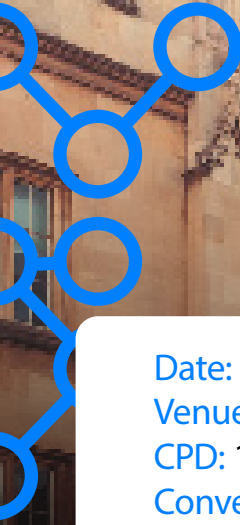


# Cambridge basic science FRCS (Tr & Orth) revision course



**Date:** 20—22 March 2024  
**Venue:** Zoom & Trinity Hall, Cambridge  
**CPD:** 18 CPD (applied for)  
**Convenor:** Mr Vikas Khanduja

# Programme (day 1) - Wednesday 20 March (Online)

09:53	<b>Delegates login into zoom</b>
09:55	<b>Introduction and welcome</b> Mr Vikas Khanduja, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
10:00	<b>Candidate's view of the exam</b> Mr Ignatius Liew, SpR T&O, Addenbrooke's Hospital
10:15	<b>Examiner's view of the exam</b> Mr Vikas Khanduja, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
10:30	<b>Basic biomechanics</b> Mr Krishna Vemulapalli, Consultant Orthopaedic Surgeon, Barking, Havering & Redbridge Hospitals NHS Trust
10:50	<b>Basic science of the spine and biomechanics</b> Mr John Crawford, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
11:20	<b>Foot and ankle biomechanics</b> Mr Krishna Vemulapalli, Consultant Orthopaedic Surgeon, Barking, Havering & Redbridge Hospitals NHS Trust
11:40	<b>Refreshments</b>
12:00	<b>Nerve and nerve conduction studies</b> Mr Phil Johnston, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
12:20	<b>Research Methodology</b> Mr Steve McDonnell, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
12:50	<b>Basic Science of OA &amp; Regenerative Strategies in Orthopaedics</b> Mr Wasim Khan, Clinical Lecturer and Honorary Consultant Trauma & Orthopaedic Surgeon, Addenbrooke's Hospital
13:10	<b>Lunch</b>
14:00	<b>Vivas</b>
15:00	<b>Refreshments</b>
15:15	<b>Vivas</b>
16:15	<b>Close of day</b>

## Viva faculty includes:

Mr Steven Cutts, Mr Phil Johnston, Mr Wasim Khan, Mr Zain Sohail, Mr Nadim Tarazi, Mr Ignatius Liew, Mr Ashish Waghmare

# Programme (day 2) - Thursday 21 March (Face to face)

## 07:30 Refreshments

### 08:00 Imaging

Mr Sunil Kumar, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital

### 08:20 Bone structure

Mr Lee Van Rensburg, Consultant Trauma and Orthopaedic Surgeon, Addenbrooke's Hospital

### 08:40 Bone healing

Mr Lee Van Rensburg, Consultant Trauma and Orthopaedic Surgeon, Addenbrooke's Hospital

### 09:00 Gait

Mr Mark Latimer, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital

### 09:20 Genetics

Mr Anish Sanghrajka, Consultant Paediatric Orthopaedic Surgeon, Norfolk and Norwich University Hospitals

### 09:40 Limb development and growth plate

Miss Elizabeth Ashby, Consultant Paediatric Orthopaedic Surgeon, Addenbrooke's Hospital

### 10:00 Bone dysplasias

Ms Kuldeep Stöhr, Consultant Paediatric Orthopaedic Surgeon, Addenbrooke's Hospital

## 10:20 Refreshments

### 11:00 Biomechanics of fracture fixation

Mr Jonny Lenihan, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital

### 11:20 Biomechanics of native and replaced knee

Mr Arman Memarzadeh, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital

### 11:40 Biomechanics of native and replaced hip

Mr Jeh Mahaluxmivala, Consultant Orthopaedic Surgeon, Princess Alexandra Hospital

### 12:00 Biomaterial behaviour and biomaterials in arthroplasty

Mr Jonny Lenihan, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital

### 12:20 Muscle

Mr Arman Memarzadeh, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital

### 12:40 Articular cartilage & meniscus

Mr Mark Bowditch, Consultant Orthopaedic Surgeon, East Suffolk and North Essex NHS Foundation Trust

# Programme (day 2 continued)

<b>13:00</b>	<b>Lunch</b>
<b>14:00</b>	<b>Vivas</b>
<b>15:00</b>	<b>Refreshments</b>
<b>15:15</b>	<b>Vivas</b>
<b>16:15</b>	<b>Close of day</b>

## Viva faculty includes:

Mr Steven Cutts, Mr Mark Latimer, Mr Sunil Kumar, Mr Zain Sohail, Mr Nadim Tarazi, Mr Lee Van Rensburg, Mr Ignatius Liew, Miss Elizabeth Ashby, Mr Arman Memarzadeh, Mr Jonny Lenihan, Mr Anish Sanghrajka

# Programme (day 3) - Friday 22 March (Face to face)

<b>07:30</b>	<b>Refreshments</b>
<b>08:00</b>	<b>Orthotics</b> Speaker TBC
<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> Mr Wasim Khan, Clinical Lecturer and Honorary Consultant Trauma & Orthopaedic Surgeon, Addenbrooke's Hospital
<b>09:20</b>	<b>Tendon and ligament</b> Mr Graham Tytherleigh-Strong, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
<b>09:50</b>	<b>Tribology &amp; corrosion</b> Mr Nadim Tarazi, SpR T&O, Norfolk and Norwich University Hospitals
<b>10:20</b>	<b>Refreshments</b>
<b>10:40</b>	<b>Infection and operating room design</b> Mr Vikas Khanduja, Consultant Orthopaedic Surgeon, Addenbrooke's Hospital
<b>11:00</b>	<b>Shoulder &amp; elbow biomechanics</b> Mr Niel Kang, Consultant Trauma & Orthopaedic Surgeon, Addenbrooke's Hospital
<b>11:20</b>	<b>Orthopaedic Oncology for the FRCS (Orth)</b> Mr Will Aston, Consultant Orthopaedic Surgeon, Royal National Orthopaedic Hospital
<b>12:05</b>	<b>Recent Exam Questions</b> Mr Nadim Tarazi, SpR T&O, Norfolk and Norwich University Hospitals Mr Ignatius Liew, SpR T&O, Addenbrooke's Hospital

12:25	Lunch
13:00	Vivas
14:00	Refreshments
14::15	Vivas
15:15	Close of day

**Viva faculty includes:**

Mr Ignatius Liew, Mr Jeh Mahaluxmivala, Mr Nadim Tarazi, Mr Niel Kang, Mr Graham Tytherleigh-Strong, Mr Steven Cutts, Mr Ashish Waghmere, Mr Vikas Khanduja, Mr Zain Sohail, Mr Sunil Kumar