



Magdalene College

Cripps Court, Magdalene College, 1-3 Chesterton Road, Cambridge, CB4 3AD

**By train:**

The nearest station is 2 miles away. The fastest trains (the Cambridge Cruiser from King's Cross) take only 48 minutes. Cross country rail services link Cambridge with the Midlands and the North, via Birmingham. It takes just under 40 minutes to walk from the station to Cripps Court, and approximately 15 minutes via taxi.

**By car:**

Coming from the North: Follow the A1 southbound towards Cambridge. The A1 will turn in to the A14. Follow the signs for Cambridge City Centre.

Coming from the South: Head Northbound up the M11 until Junction 13. Turn Right on to Madingley Road. This will lead you in to Cambridge.

**Car parking:**

Please note that unfortunately there isn't any parking available at Magdalene College.

The nearest multi-storey car park is at Park Street, details can be found on the following website <http://www.cambridge.gov.uk/ccm/navigation/transport-and-streets/>



@OR\_UK



/ORUKcharity



Orthopaedic Research UK

Orthopaedic Research UK

Furlong House  
10a Chandos Street  
London W1G 9DQ

Tel 020 7637 5789  
Email [info@oruk.org](mailto:info@oruk.org)  
[www.oruk.org](http://www.oruk.org)



UK Registered Charity No. 1111657

# Cambridge basic science FRCS (Orth) course

Organised jointly by  
Addenbrooke's Hospital and  
Orthopaedic Research UK



Cambridge University Hospitals   
NHS Foundation Trust



15—17 March 2017  
Venue: Cripps Court,  
Magdalene College, Cambridge

Course convenor:  
Mr Vikas Khanduja  
MA, MSc, FRCS (Orth)

CPD: 18 credits (applied for)



## Cambridge basic science FRCS (Orth) course

15—17 March 2017

Venue: Cripps Court, Magdalene College, Cambridge

CPD: 18 credits (applied for)

Course convenor: Mr Vikas Khanduja, MA, MSc, FRCS (Orth)

### 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.

### Registration fees

Lectures and vivas: £495  
Lectures only: £300

Registration with ORUK is essential before registering online for our educational events. It also brings other benefits, which include applying for research funding.

Registration is free and open to all, join online here: [www.oruk.org/register](http://www.oruk.org/register)

### Day 1: Wednesday 15 March

09:30	Registration and refreshments
09:55	Introduction and welcome
10:00	Candidate's view of the exam
10:20	Examiner's guide to vivas
10:40	Metabolic bone disease
11:00	Nerve and nerve conduction studies
11:20	Refreshments
11:40	Gait
12:00	Genetics
12:20	Basic biomechanics
12:40	Biomechanics of fracture fixation
13:00	Basic science of the spine and biomechanics
13:45	Lunch
14:30	Vivas
16:00	Refreshments
16:15	Vivas
17:15	Close of day

### DAY 2: Thursday 16 March

07:30	Refreshments
08:00	Imaging
08:20	Bone structure
08:40	Bone healing
09:00	Bone dysplasias
09:20	Biomaterial behaviour and biomaterials in arthroplasty
09:50	Tribology and corrosion
10:20	Refreshments
10:50	Biomechanics of the native and replaced knee
11:30	Biomechanics of the hip
11:50	Research methodology
12:10	Statistics
12:30	Articular cartilage and meniscus
13:15	Lunch
14:00	Vivas
15:30	Refreshments
15:45	Vivas
16:45	Close of day

### Day 3: Friday 17 March

07:45	Refreshments
08:00	Orthotics
08:30	Foot and ankle biomechanics
08:50	Limb development and growth plate
09:20	Orthopaedic oncology for the FRCS (Orth)
10:00	Tendon and ligament
10:30	Muscle
10:45	Refreshments
11:15	Infection and operating room design
11:35	Prosthetics
12:00	Regenerative therapies in orthopaedics
12:30	Lunch
13:30	Vivas
15:00	Refreshments
15:15	Vivas
16:15	Close of course