Coventry FRCS (Trauma & Orthopaedics)
Basic Science Course 2027

15 & 16 March 2027 | Holiday Inn, Coventry

DAY 1 — MONDAY 15 MARCH 2027

MORNING — INTERACTIVE BASIC SCIENCE LECTURES

08:00–08:10	**Welcome and Introduction** Mr Renjit Issac (Consultant Orthopaedic Surgeon, UHCW)
08:10–09:10	**Orthopaedic Oncology – High-Yield FRCS Viva Topics** Mr Sudhir Kannan (Consultant Orthopaedic Surgeon, RNOH Stanmore)
09:10–09:50	**Materials & Biomaterials in Orthopaedics** Mr Hammad Parwaiz (Senior Clinical Fellow, Trauma & Orthopaedics, UHCW)
09:50–10:25	**Biomechanics & Principles of Total Knee Replacement** Prof Richard King (Consultant Orthopaedic Surgeon, UHCW)
10:25–10:45	**Coffee Break**
10:45–11:20	**Major Trauma – Basic Science for FRCS** Mr Darryl Ramoutar (Consultant Orthopaedic Surgeon, UHCW)
11:20–12:20	**Forces, Moments, Free-Body Diagrams, Composites & Material Behaviour** Mr Stephen Cooke (Consultant Orthopaedic Surgeon, UHCW)
12:20–13:00	**Statistics for FRCS** Mr Matthew Seah (Consultant Orthopaedic Surgeon, UHCW)

AFTERNOON — FRCS BASIC SCIENCE VIVA CIRCUITS

13:00–13:40	**Lunch**
13:40–15:25	**Viva Session 1**
15:25–15:40	**Coffee Break**
15:40–17:25	**Viva Session 2**
17:25–17:30	**Brief Feedback and Close**

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DAY 2 — TUESDAY 16 MARCH 2027

MORNING — INTERACTIVE BASIC SCIENCE LECTURES

08:00–08:40	**Gait Analysis for FRCS** Mr Christopher Hill (Consultant Orthopaedic Surgeon, UHCW)
08:40–09:55	**Imaging Modalities for FRCS (X-ray, Ultrasound, CT, MRI, DEXA, Bone scan; NCS/EMG interpretation – practical exercise)** Mr Renjit Issac (Consultant Orthopaedic Surgeon, UHCW) Dr Hasini Munasinghe (Clinical Neurophysiologist, UHCW)
09:55–10:15	**Coffee Break**
10:15–11:15	**Orthotics & Prosthetics for FRCS** Mr James Caldwell (Clinical Lead Orthotist, UHCW) Mr Jordan Stringer (Assistant Clinical Lead Prosthetist, Leicester Specialist Mobility Center, Leicester)
11:15–11:50	**Biomechanics & Principles of Total Hip Replacement** Mr Richard Westerman (Consultant Orthopaedic Surgeon, UHCW)
11:50–12:25	**Amputations: FRCS-Focused Principles & Techniques** Mr Farhan Syed (Consultant Orthopaedic Surgeon, UHCW)
12:25–13:00	**High-Yield / Recently Tested FRCS Basic Science Topics** Mr Alex Denning (Clinical Fellow, Trauma and Orthopaedics, Warwick Hospital)

AFTERNOON — FRCS BASIC SCIENCE VIVA CIRCUITS

13:00–13:40	**Lunch**
13:40–15:25	**Viva Session 3**
15:25–15:40	**Coffee Break**
15:40–17:25	**Viva Session 4**
17:25–17:30	**Brief Feedback and Course Close**