

# Anatomic and Biomedical Basis of Knee Ligament Reconstruction Instructional Course

## Preliminary Programme

Invited Chairmen:     Dr Charles Brown (UAE)  
                                  Mr James Robinson (UK)

Expert Connect Centre, Croxley Park, UK  
27-28 April, 2017



## Description

This advanced two day course discusses the anatomic and bio-mechanical rationale behind state-of-the-art knee ligament reconstruction. Participants will be given the opportunity to perform anatomic Anterior Cruciate Ligament (ACL), Posterior Cruciate Ligament (PCL), Medial Collateral Ligament (MCL), Posterior Oblique Ligament (POL), Posterolateral Corner (PLC), Anterolateral Ligament (ALL) and Medial Patellofemoral Ligament (MPFL) reconstructions under the supervision of a faculty of internationally recognised experts.

A short series of lectures will be followed by faculty demonstrations using anatomical specimens and extensive hands on surgical skills training. Participants will be invited to discuss, practise and perfect new ligament reconstruction techniques in a fully equipped wet lab. Additionally there will be the opportunity to use fluoroscopy to document placement of ACL and MPFL reconstruction tunnels.

## Chairmen



**Dr Charles Brown**  
Chairman  
Director and Consultant Orthopaedic Surgeon, International Knee & Sports Medicine Centre, Abu Dhabi, UAE



**Mr James Robinson**  
Chairman  
Consultant Orthopaedic Surgeon  
Avon Orthopaedic Centre, Bristol UK

## Invited Faculty

Robert F. LaPrade (US), Thomas Harlem (NO), Andrew Amis (UK), Al Getgood (CN), Robert Smigielski (PL) and Martin Lind (DK), Dr. Sven Scheffler (DE)

## Learning objectives

- Describe the clinical relevant anatomy and biomechanics of the ACL, PCL, PFL, PFJ and medial and lateral sides of the knee.
- Explain current evidence-based anatomic knee ligament reconstructions.
- Perform current evidence-based anatomic knee ligament reconstructions.

## Participant profile

Orthopaedic surgeons experienced in knee ligament reconstruction:

- Interested in furthering their knowledge of clinically relevant knee anatomy and ligament biomechanics.
- Interested in learning current state-of-the-art anatomic based knee ligament reconstructions
- Involved in the training of orthopaedic surgical residents, registrars and fellows.
- Participants should have a good understanding of basic knee anatomy and biomechanics and should have the surgical skills necessary to perform arthroscopic knee ligament reconstructions and open ligament surgery.
- The course will be conducted in English therefore a good command of the language is required.

## Wednesday 26 April 2017

*Individual arrival*

## Thursday 27 April 2017

07:30 Meet in hotel lobby

Expert Connect Centre (ECC), Croxley Park, Watford

<b>Time</b>	<b>Activity</b>
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08:00	Intro
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08:15	ACL anatomy & biomechanics talks
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09:00	PCL anatomy & biomechanics talks
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09:35	Medial side anatomy & biomechanics talks
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10:10	<i>Break</i>
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10:30	Lateral side anatomy & biomechanics talks
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11:10	MPFL anatomy & biomechanics talks
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11:50	Lab session instructions and objectives
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12:00	<i>Lunch</i>
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12:45	Lab rotation 1
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14:15	Break
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14:30	Lab rotation 2
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16:00	Break
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16:15	Lab rotation 3
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17:30	Discussion session "Ask the Faculty" rotations
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18:30	Depart
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20:00	Course dinner – Garden Suite restaurant, Crowne Plaza Hotel
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## Friday 28 April 2017

07:30 Meet in hotel lobby

Expert Connect Centre (ECC), Croxley Park, Watford

08:30	Lab rotation 4
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10:00	<i>Break</i>
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10:15	Lab rotation 5 & participant dissections
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12:30	Course wrap up and evaluation
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13:00	<i>Lunch and depart</i>
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## **Course fees**

Registration fee covers course dinner, accommodation (two nights), ground transportation<sup>(1)</sup>, during programme, instructional course attendance, course materials and refreshments.

## **Course venue**

Smith & Nephew Expert Connect Centre (ECC)  
Croxley Park  
Building 5 Hatters Lane  
Watford  
WD18 8YE

## **Hotel**

Crowne Plaza Gerrards Cross  
Oxford Road  
Gerrards Cross  
HP9 2XE

## **Course dinner**

Garden Suite Restaurant  
Crown Plaza Gerrards Cross

## **Organiser**

Paul B Wellings  
ENT & Sports Medicine Content Delivery  
Manager Telephone +44 (0) 7971 154 707  
Email: paul.wellings@smith-nephew.com

## Code of ethics

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Smith & Nephew Orthopaedics AG  
Oberneuhofstrasse 10d  
6340 Baar  
Switzerland

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### Note

<sup>(1)</sup> Course arrival and departure ground transport will be arranged and funded to & from London Heathrow or Luton airports ONLY. If delegates prefer another route they must organise and fund themselves