

Smith+Nephew

Academy

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Agenda

R2R repair *to* reconstruction

International Experts Summit

8-9 June 2024

Hyatt Regency Dubai Creek Heights
Dubai, United Arab Emirates

Accredited by:



This course has been awarded
12 CPD points
for the purposes of
Continuing Medical Education (CME).



Description:

R2R - Repair to Reconstruction International Experts Summit focuses on pioneering the future of soft tissue knee repair, advanced reconstruction, and modern techniques in hip & knee arthroplasty.

Learning Objectives:

Repair

- Justify solution pathways for meniscus repair, ACL, PLC, ALL reconstruction.
- Recognize benefits of Quadtrac and assimilate modern Quad ACL reconstruction.
- Identify challenges associated with graft choice.

Reconstruction

- Identify the core principles and benefits of an image-free robotic system for UKA/TKA/Revision indications.
- Recognize the role and benefits of hip enabling technology and planning solutions in addressing current THA challenges.
- Assimilate modern planning algorithms supporting hip and knee replacement procedures according to patients' joint needs.
- Evaluate and support surgical decision making with the latest clinical evidence for hip and knee arthroplasty.
- Appraise surgical tips & tricks and implant specific considerations through case reviews.

Participant Profile:

- Early adopters
- Proficiency in the English Language
- Intermediate to advanced Orthopaedic Surgeons

Accreditation:

Accredited by the Royal College of Surgeons of England with 12 CPD points.



Focus Products: Sports Medicine



Focus Products: Reconstruction Knee



Focus Products: Reconstruction Hip



Knee Arthroscopic Chairmen:



Dr. Charles Brown
United States



Dr. Robert LaPrade
United States

Faculty:

- Dr. Bancha Chernchujit, Thailand
- Dr. Dave Yee Han Lee, Singapore
- Dr. Chandrashekar P., India
- Dr. Michael Held, South Africa
- Dr. Mohammed Al-Bluwi, Saudi Arabia
- Dr. Reha Tandoğan, Turkey
- Dr. Richard von Bormann, South Africa
- Prof. Teo Seow Hui, Malaysia
- Prof. Tomasz Piontek, Poland

Hip Arthroplasty Chairmen:



Prof. Edward Davis
United Kingdom



Dr. Thane Munting
South Africa

Faculty:

- Dr. Jacques du Toit, South Africa
- Dr. Kerem Basarir, Turkey
- Dr. Steve Jones, United Kingdom
- Dr. Thorsten Seyler, United States
- Dr. Vijay Bose, India

Knee Arthroplasty Chairmen:



Dr. Thorsten Seyler
United States



Dr. Ali AlBelooshi
United Arab Emirates

Faculty:

- Dr. Jacques du Toit, South Africa
- Dr. Dinesh Nathwani, United Kingdom
- Dr. Graham Bayes, South Africa
- Dr. Konstantinos Makridis, Greece
- Dr. Vijay Bose, India

Knee Arthroscopic

Day 1: Saturday, 8th June

Start	End	Topic	Faculty
7:30	8:00	Registration	All
8:00	8:05	Welcome	Smith+Nephew
8:05	8:10	Course organization and objectives	Dr. Brown & Dr. LaPrade
8:10	8:15	Case 1: High school football player with an acute ACL tear	Dr. Brown
8:15	8:25	Risk factors for revision or rerupture after ACL reconstruction	Dr. Held
8:25	8:30	Bone-patellar tendon-bone autograft	Dr. Al Bloui
8:30	8:35	Hamstring tendon autograft	Prof. Hui
8:35	8:40	Quadriceps tendon autograft	Dr. Held
8:40	8:45	Peroneus longus autograft	Dr. Chernchujit
How to harvest an ACL graft			
8:45	8:50	Pre-recorded video: How to harvest a BTB autograft	Dr. Brown
8:50	9:00	Live demo: Quadriceps tendon graft harvest with QUADTRAC	Prof. Piontek
9:00	9:05	Pre-recorded video: How to harvest a hamstring tendon autograft	Prof. Hui
9:05	9:15	Live demo: How to harvest a peroneus longus autograft	Dr. Chernchujit
Anterolateral rotatory instability			
9:15	9:20	What causes a high-grade pivot-shift?	Dr. Brown
9:20	9:25	Repair of lateral meniscus tears and ramp lesions: why it is important in ACL surgery	Dr. Held
9:25	9:30	Lateral extraarticular surgery: When and how I do it	Dr. Tandogan
9:30	9:55	Audience response questions and panel discussion	All
9:55	10:00	Presenter: What I did	All
10:00	10:05	Questions from the audience	All
10:05	10:20	Coffee break	All
10:20	11:35	Live Demo: Meniscus Repair Surgical Demonstrations	Dr. Brown
11:35	11:40	Case Presentation 2: The failed ACL reconstruction	Dr. Brown
11:40	11:45	Why do ACL reconstructions fail?	Prof. Hui
11:45	11:50	When should you should perform a 2-stage revision	Dr. Tandogan
11:50	11:55	How to handle poorly placed and enlarged ACL bone tunnels	Dr. Held
11:55	12:00	How to bone graft overlapping or enlarged bone tunnels	Dr. Brown
12:00	12:05	What graft for the revision ACL reconstruction?	Dr. Chandrashekar
12:05	12:10	Tibial slope – When should you address it?	Dr. LaPrade
12:10	12:40	Audience response questions and panel discussion	All
12:40	12:45	Presenter: What I did	All
12:45	12:50	Questions from the audience	All
12:50	13:00	ACL reconstruction: How to get it right the first time and how to avoid reruptures and revisions	Dr. Tandogan
13:00	14:00	Lunch	All
14:00	14:05	Case Presentation 3: Combined ACL and medial sided injury	Dr. Lee
14:05	14:10	Role of stress x-rays in the evaluation of collateral ligament injuries	Dr. Lee
14:10	14:15	Injuries to the medial side: when is surgery needed?	Dr. Tandogan
14:15	14:20	What structures should you repair, augment or reconstruct when treating Grade III medial side injuries?	Dr. Chernchujit
14:20	14:25	How should you repair/augment/reconstruct	Dr. LaPrade
14:25	14:50	Audience response questions and panel discussion	All
14:50	14:55	Presenter: What I did	All
14:55	15:00	Questions from the audience	All
15:00	15:05	Live demo: Demonstration of medial anatomy	Dr. Bormann & Prof. Hui
15:05	15:15	Live demo: Anatomic medial reconstruction	Dr. Bormann & Prof. Hui
15:15	15:20	Case Presentation 4: Combined PCL and posterolateral corner injury	Dr. LaPrade
15:20	15:25	Double-bundle PCL reconstruction: why I like it	Dr. LaPrade
15:25	15:30	Single-bundle PCL reconstruction: why I like it	Dr. Lee
15:30	15:35	Graft options for PCL reconstruction	Dr. Chernchujit
15:35	15:40	PLC injuries which ones to repair/which ones to reconstruct	Dr. LaPrade
15:40	15:45	I got no allografts what do I do?	Prof. Piontek
15:45	16:15	Panel discussion	All
16:15	16:20	Presenter: What I did	All
16:20	16:25	Questions from the audience	All
16:25	16:45	Coffee Break	All
16:45	16:50	Live Demo: Demonstration of posterolateral knee anatomy	Dr. Tandogan & Dr. Held
16:50	17:00	Live Demo: Anatomic PLC reconstruction using a single semiT autograft	Dr. Tandogan & Dr. Held
17:00	17:05	Case Presentation 5: Putting it all together: The dislocated knee	Dr. von Bormann
17:05	17:15	Standard operating procedure for KD IIII	Dr. LaPrade
17:15	17:25	Standard operating procedure for KD IIIIM	Dr. von Bormann
17:25	17:30	How to avoid tunnel convergence in multiligament knee reconstructions	Dr. LaPrade
17:30	17:35	Tensioning sequence for multiligament knee reconstructions	Dr. von Bormann
17:35	17:55	Panel discussion	All
17:55	18:00	Multiligament surgery: How to stay out of trouble	Dr. LaPrade
18:00	18:15	Wrap up and questions from the audience	Dr. Brown & Dr. LaPrade
18:15	18:20	Closing	All

Hip Arthroplasty

Day 1: Saturday, 8th June

Start	End	Topic	Speaker
9:00	9:05	Welcome	Dr. Munting Dr. Seyler
Session 1 - Operation of century? Why Hips are failing in 2024			
9:05	9:20	Registry data on implant performance (POLAR3 ^o + OXINIUM ^o)	Prof. Davis
9:20	9:35	The science behind Ceramicised Metal	Gordon Hunter
9:35	9:50	Navigating Bearing Choice	Prof. Davis
9:50	10:05	Panel discussion	All
10:05	10:20	Coffee break	All
Session 2 - Surgery Personalized: Total Hip			
10:20	10:30	Why do we need technology in total hip replacement?	Dr. Bose
10:30	10:40	Optimized component orientation and understanding the spinopelvic relationship in THA	Dr. Seyler
10:40	10:50	How advanced simulation can help to determine component position in THA	Dr. Munting
10:50	11:35	RI. Hip Modeler ^o workshop	Dr. Munting Dr. Seyler
11:35	11:50	How to execute the plan - RI.HIP on CORIO	Dr. Munting
11:50	12:00	Q&A	All
12:00	12:10	What does the future hold for technology in hip arthroplasty?	Prof. Davis
12:10	13:00	Lunch	All
Session 3: Revision Acetabulum			
13:00	13:15	Acetabulum – Exposure & Implant removal	Dr. du Toit
13:15	13:35	Acetabular defect classification and reconstruction algorithm	Dr. Jones
13:35	14:05	Panel discussion: Acetabular clinical case discussions with REDAPT ^o system	Dr. Jones + Panel
14:05	14:20	Coffee break	All
Session 4 - Revision Femur			
14:20	14:35	Femur – Exposure & Implant removal	Dr. Bose
14:35	14:55	Femoral defect classification and reconstruction algorithm	Dr. du Toit
14:55	15:25	Panel discussion: Femoral clinical case discussions with REDAPT ^o system	Dr. Seyler + Panel
15:25	15:40	Bi-Body vs Monolithic Stem Revision	Prof. Başarir
15:40	15:55	Wound management & the use of iNPWT	Dr. Jones
15:55	16:25	Panel discussion	All
16:25	16:35	Closing	

Knee Arthroplasty

Day 2: Sunday, 9th June

Start	End	Topic	Speaker
9:00	9:10	Welcome	Dr. Seyler Dr. AlBelooshi
Session 1 - Surgery Personalized: Unicompartmental knee (Cruciates are Crucial)			
9:10	9:15	R2R Survey - UKA	All
9:15	9:25	Do no harm: Retain the Cruciates in Partial Knee replacement	Dr. AlBelooshi
9:25	9:35	Why Unis fail and how to avoid?	Mr. Nathwani
9:35	9:45	UKA - What Targets should we be aiming for?	Dr. Seyler
9:45	10:15	UKA: The Ultimate personalized procedure - Panel discussion	Dr. Ali Belooshi Mr. Nathwani Dr. Seyler Dr. Bayes
10:15	10:25	Q+A	
10:25	10:35	Should Robotics-assisted UKA be the standard of care?	Mr. Nathwani
10:35	11:05	CORI [®] : Robotics-assisted JOURNEY [®] II UK	Dr. AlBelooshi
11:05	11:25	Coffee break	All
Session 2 - Surgery Personalized: Total Knee			
11:25	11:30	R2R Survey - TKA	All
11:30	11:40	A brief History of knee design and alignment	Dr. Bayes
11:40	11:50	Importance of implant design for personalization	Dr. Makridis
11:50	12:00	TKA Balance: is it the same for each patient?	Dr. Bayes
12:00	12:10	TKA Personalization, Phenotypes and Impact on Patient outcomes	Dr. Seyler
12:10	12:30	When is personalization appropriate? - Panel discussion	Panel
12:30	13:00	CORI [®] : Robotics-assisted TKA 3D alignment and ligament balance	Dr. AlBelooshi
13:00	14:00	Lunch	All
Session 3 - Complex Cases			
14:00	14:10	Managing the Joint line in Significant deformities	Dr. Bose
14:10	14:20	Coronal deformity (Varus/Valgus) - case discussion	Dr Makridis
14:20	14:30	Sagittal deformity (FFD/Recurvatum) - case discussion	Dr. Bose
14:30	14:40	Q+A	Q+A
14:40	15:00	CORI [®] :UKA to TKA conversion	Dr. Seyler
15:00	15:10	What about the extensor mechanism?	Dr. du Toit
15:10	15:20	Periprosthetic fractures: Risk mitigation and management	Prof. Başarir
15:20	15:30	Q+A	All
15:30	15:50	Coffee break	
Session 4 - Revision Knee: Get it right second time			
15:50	16:00	Why Knees Fail in 2024 and importance of preoperative diagnosis	Dr. du Toit
16:00	16:10	An approach to the management of the Unstable TKA	Dr. du Toit
16:10	16:25	The infected knee: approach	Prof. Başarir
16:25	16:35	Challenges of Revision total knee replacement	Dr. Makridis
16:35	16:45	Zonal fixation in Revision knee	Dr. du Toit
16:45	17:00	Robotics - A Paradigm shift in Revision Knee arthroplasty?	Dr. Seyler
17:00	17:20	CORI [®] : Robotics-assisted revision knee replacement	Dr. Seyler
17:20	17:30	Q+A	All
17:30	17:35	Close	

Organization and Registration:

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