

# Minnesota Anatomic Complex Knee International Symposium

May 29–30, 2025

## Omni Viking Lakes Hotel

2611 Nordic Way, Eagan, MN 55121

**Thursday**  
**May 29, 2025**

Course 6:30 am – 8:00 pm CT

**Friday**  
**May 30, 2025**

Course 7:00 am – 5:00 pm CT

## Course Description

Minnesota Anatomic Complex Knee International Symposium (MACKIS) takes an anatomic-based surgical approach to complex knee trends and technologies. Attendees will participate in lectures, demonstrations, breakout sessions and case-based discussions on the treatment of complex knee repair and reconstruction. Attendees will also have significant time in the hands-on surgical lab.

## Course Objectives

Upon completing this course, participants will be able to:

- Describe advanced techniques in primary and revision ACL reconstruction, LET, meniscal repair, meniscal root repair, MCL and PLC reconstruction
- Harvest ligament grafts
- Identify knee pathologies and utilize, in a safe and effective manner, appropriate Smith+Nephew products

## Target Audience

This course is designed for sports medicine surgeons with advanced knowledge, skills and abilities in treating complex knee injuries.

## Registration Questions:

**Tyra Nickell**

Tyra.Nickell@smith-nephew.com

## Program Manager:

**Abbey Krutchick**

Abbey.Krutchick@smith-nephew.com



**Robert LaPrade, MD, PhD**

Twin Cities Orthopedics  
Eagan, MN



**Lars Engebretsen, MD, PhD**

Oslo University  
Oslo, Norway



**ISAKOS**  
**APPROVED**  
**COURSE**

**Smith+Nephew**

**Academy**

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# Faculty



**Elizabeth Arendt, MD**  
University of Minnesota  
Department of Orthopedic  
Surgery



**Eivind Inderhaug, MD,  
PhD, MPH**  
Haralds plass Deaconess  
Hospital



**Iain Murray, MD, PhD**  
Royal Infirmary of Edinburgh



**Michael Banffy, MD**  
Cedars-Sinai Kerlan-Jobe  
Institute



**Darren Johnson, MD**  
University of  
Kentucky



**Roberto Negrin, MD**  
Clínica Las Condes de Santiago  
Chile



**Charles Brown, MD**  
International Knee & Joint  
Centre - Abu Dhabi



**Patrick Kane, MD**  
First State Orthopaedics



**James Robinson, MBBS, FRCS,  
MS**  
Knee Specialists  
Bristol, UK



**Jourdan Cancienne, MD**  
Midwest Orthopaedics at  
Rush



**Prof. Sebastian Kopf,  
MD, PhD**  
Städtisches Klinikum  
Brandenburg



**Prof. Romain Seil, MD**  
Centre Hospitalier de  
Luxembourg



**Jorge Chahla, MD, PhD**  
Midwest Orthopaedics  
at Rush



**Christopher Larson, MD**  
Twin Cities Orthopedics



**Ciara Stevenson, MBBCh,  
BaO, FRCS**  
Belfast Health and Social  
Care Trust



**Peter D'Alessandro,  
MBBS, FRACS, FAOrthA**  
University of Western  
Australia  
Orthopaedic Research  
Foundation of Western  
Australia



**Prof. Martin Lind,  
MD, PhD**  
Aarhus University  
Hospital



**Sachin Tapasvi, MBBS, MS,  
DNB, FRCS**  
The Orthopaedic  
Specialty Clinic



**Scott Faucett, MD, MS**  
Centers for Advanced  
Orthopedics



**Kyle Martin, MD**  
The University of  
Minnesota



**Vehniah Tjong, MD, FRCS**  
Northwestern Medicine



**Andrew Geeslin, MD**  
University of Vermont



**Gilbert Moatshe, MD, PhD**  
Oslo University Hospital



**Richard von Bormann, MD**  
Blauwberg Hospital



**Alan Getgood, MD, FRCS**  
Aspetar Orthopaedic and  
Sports Medicine Hospital



**Jill Monson, PT**  
Twin Cities Orthopedics

# MAY 29, 2025

6:30 am	Breakfast and Registration		Kyndred Hearth
7:15 am	Welcome Course Goals and Review: Evidence-Based Anatomic Repairs and Reconstructions	Smith+Nephew Robert LaPrade, MD, PhD Lars Engebretsen, MD, PhD	Norse Hall
Session I: Save the Meniscus—What is Anatomic and Why Is It So Important?			Lars Engebretsen, MD, PhD
7:20 am	Preserve the Meniscus at All Costs: Improved Indications for Repair in 2025	Robert LaPrade, MD, PhD	Norse Hall
7:30 am	Live Demo Surgically Relevant Anatomy and Biomechanics of the Menisci and Root Attachments	Jorge Chahla, MD, PhD Darren Johnson, MD	Valhalla Ballroom
7:40 am	Tips and Tricks to Optimize Root and Ramp Repairs	Prof. Sebastian Kopf, MD, PhD	Norse Hall
7:45 am	Live Demo Key Pearls and Principles for Success • Two Portal MM Ramp  • Two Tunnel LM Root  • MM Posterior HCT Repairs	Prof. Romain Seil, MD Iain Murray, MD, PhD  Chris Larson, MD James Robinson, MBBS, FRCS, MS  Scott Faucett, MD, MS Patrick Kane, MD	Valhalla Ballroom
8:15 am	Interactive Panel Discussion Complex Meniscus Tears, What Would You Do? • Case 1 • Case 2	Prof. Romain Seil, MD Chris Larson, MD	Norse Hall
Session II: Strategies for Cartilage Preservation			
8:45 am	Cartilage Defects and Treatment Algorithm	Scott Faucett, MD, MS	Norse Hall
8:50 am	Live Demo CARTIHEAL <sup>®</sup> Techniques and Pearls	Jorge Chahla, MD, PhD Kyle Martin, MD	Valhalla Ballroom
9:00 am	Coffee Break Tap Faculty for Tips and Tricks		Outside Valhalla Ballroom
Session III: Anatomic Strategies in ACL Reconstruction: How to Get It Right the First Time			Darren Johnson, MD
9:20 am	Your ACL Workup Should Consider All These Potential Concomitant Pathologies in 2025: Get Your Primary ACLR Right	Andrew Geeslin, MD	Norse Hall
9:30 am	Live Demo Key ACL Anatomy and Root/Ramp Interactions	Richard von Bormann, MD Eivind Inderhaug, MD, PhD, MPH	Valhalla Ballroom
9:40 am	How to Optimize ACL Tunnel Placement and Understanding the BH Grid	Ciara Stevenson, MBBCh, BaO, FRCS	Norse Hall
9:45 am	Live Demo Optimizing ACL Tunnel Placement with Fluoroscopy	Charles Brown, MD James Robinson, MBBS, FRCS, MS	Valhalla Ballroom
10:00 am	Live Demo Key Tips and Tricks for BTB Harvest	Ciara Stevenson, MBBCh, BaO, FRCS Vehniah Tjong, MD, FRCS	Valhalla Ballroom
10:05 am	Live Demo Quad Tendon QUADTRAC <sup>®</sup> Harvest Demo	Prof. Martin Lind, MD, PhD Scott Faucett, MD, MS	Valhalla Ballroom
10:15 am	When Should You Add an LET to Improve ACLR Outcomes	Alan Getgood, MD, FRCS	Norse Hall
10:25 am	Live Demo Surgical Pearls for an LET and Optimal LET Fixation Options	Andrew Geeslin, MD Michael Banffy, MD	Valhalla Ballroom
10:35 am	Optimizing Your Workup for ACL Revision Surgery	Richard von Bormann, MD	Norse Hall

# MAY 29, 2025 (cont.)

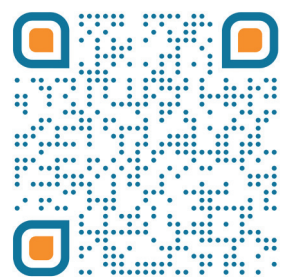
10:45 am	<b>Interactive Panel Discussion</b> Revision Failed ACLR—What Is the Optimal Work-Up	<b>Case Presenters</b> Sachin Tapasvi, MBBS, MS, DNB, FRCS Charles Brown, MD <b>Panel</b> Prof. Sebastian Kopf, MD, PhD Scott Faucett, MD, MS Roberto Negrin, MD Peter D'Alessandro, MBBS, FAOrthA, FRACS Vehniah Tjong, MD, FRCS	Norse Hall
<b>11:05 am</b>	<b>Coffee Break</b> Tap Faculty for Questions and Case Discussions		Outside Valhalla Ballroom
<b>Session IV: What Is Anatomic and Why the Collaterals Are Essential?</b>			Robert LaPrade, MD, PhD
11:25 am	Medial and Posterolateral Knee Anatomy: Key Surgical Pearls	Eivind Inderhaug, MD, PhD, MPH	Norse Hall
11:35 am	<b>Live Demo</b> Key Surgical Anatomic Pearls and Biomechanics of the MCL, POL, Deep MCL and PLC	Prof. Martin Lind, MD, PhD Sachin Tapasvi, MBBS, MS, DNB, FRCS	Valhalla Ballroom
11:50 am	Anatomic Principles for Surgical Treatment of Medial Knee	Jorge Chahla, MD, PhD	Norse Hall
12:05 pm	<b>Live Demo</b> Anatomic MCL and POL Reconstruction	Lars Engebretsen, MD, PhD Prof. Sebastian Kopf, MD, PhD	Valhalla Ballroom
12:25 pm	<b>Panel Debate</b> Acute ACL/MCL Case	<b>Case Presenter</b> Gilbert Moatshe, MD, PhD <b>Panel</b> Prof. Martin Lind, MD, PhD Chris Larson, MD Sachin Tapasvi, MBBS, MS, DNB, FRCS Alan Getgood, MD, FRCS Iain Murray, MD, PhD	Norse Hall
12:55 pm	Wrap-Up of Morning #1 and Breakout Directions	Robert LaPrade, MD, PhD Smith+Nephew	Norse Hall
<b>1:00 pm</b>	<b>Lunch</b>		Outside Valhalla Ballroom
<b>1:30 pm</b>	<b>Lunch Keynote Talk</b> My Journey as an Orthopedic Surgeon	Charles Brown, MD	Norse Hall
2:00 pm	<b>Groups A, B, C Breakouts (three 50-min rotations)</b> 1. Meniscus Difficult Conversations and Difficult Decisions (50 min)	Sachin Tapasvi, MBBS, MS, DNB, FRCS Prof. Romain Seil, MD	Lodestar I
	2. Technical Mistakes I Have Made and How to Get Out of Them (50 min)	Charles Brown, MD Darren Johnson, MD	Lodestar II
	3. Introduction of CARTIHEAL <sup>®</sup> —Cases and Conversations (50 min)	Scott Faucett, MD, MS	Norse Hall
2:00 pm	<b>Groups D, E, F Surgical Lab</b>		Valhalla Ballroom
5:00 pm	<b>Adjourn Day 1</b>		
<b>6:00 pm</b>	<b>Group Dinner With Product Fair</b>	All Faculty and Participants	Outside Valhalla Ballroom

# MAY 30, 2025

<b>7:00 am</b>	<b>Breakfast</b>		Kyndred Hearth
7:50 am	Welcome Review of Course Goals Day 2	Lars Engebretsen, MD, PhD	Norse Hall
<b>Session V: The Posterolateral Knee: No Longer the Dark Side</b>			Prof. Roman Seil, MD
7:55 am	<b>Live Demo</b> Key Surgical PLC Anatomy and Biomechanics	Robert LaPrade, MD, PhD Lars Engebretsen, MD, PhD	Valhalla Ballroom
8:10 am	Posterolateral Corner Reconstruction—Anatomic Technique and Outcomes	Richard von Bormann, MD	Norse Hall
8:20 am	<b>Live Demo</b> Anatomic PLC Allograft (10 min)  Single Tendon Autograft (15 min)	Patrick Kane, MD Charles Brown, MD Alan Getgood, MD, FRCS Gilbert Moatshe, MD, PhD	Valhalla Ballroom
8:45 am	Proximal Tibiofibular Joint Anatomy and Modern Anatomic-Based Surgical Techniques	Roberto Negrin, MD	Norse Hall
8:55 am	<b>Interactive Panel Discussion</b> PLC Focused Cases	<b>ACL/PLC Case 1</b> Ciara Stevenson, MBBCh, BaO, FRCS <b>PCL/PLC Case 2</b> Richard von Bormann, MD	Norse Hall
<b>9:30 am</b>	<b>Coffee Break</b> Tap Faculty for Questions and Case Discussions		Outside Valhalla Ballroom
<b>Session VI: PCL and Multi-Ligament Injuries: Anatomic-Based Treatment and New Standards in 2025</b>			James Robinson, MBBS, FRCS, MS
9:50 am	PCLR: Anatomy, Biomechanics and Why DB PCLR Is the Gold Standard	Robert LaPrade, MD, PhD	Norse Hall
10:10 am	<b>Live Demo</b> Double-Bundle PCL Reconstruction	Andrew Geeslin, MD Jourdan Cancienne, MD	Valhalla Ballroom
10:20 am	<b>Live Demo</b> Order and Tensioning of Grafts and Fixation in MLKI Case	Jorge Chahla, MD, PhD Gilbert Moatshe, MD, PhD	Valhalla Ballroom
10:30 am	Optimizing Knee Dislocation Treatment: Single-Stage, Anatomic Reconstructions With Early PT and ROM	Ciara Stevenson, MBBCh, BaO, FRCS	Norse Hall
10:40 am	Multi-Ligament Injury History: One-Stage and Two-Stage Approach—My Journey From Two to One-Stage	Lars Engebretsen, MD, PhD	Norse Hall
10:50 am	<b>Panel Discussion</b> Multi-Ligament Knee Injury Cases	Gilbert Moatshe, MD, PhD Prof. Sebastian Kopf, MD, PhD Prof. Martin Lind, MD, PhD Jorge Chahla, MD, PhD Peter D'Alessandro, MBBS, FRACS, FAOrthA Jourdan Cancienne, MD	Norse Hall
11:20 am	The Grossly Unstable Knee: Should I Use an External Fixator?	Richard von Bormann, MD	Norse Hall
11:30 am	Osteotomies: Bony Malalignment and Issues to Address With Chronic ACL, PCL, PLC or MCL Tears	Alan Getgood, MD, FRCS	Norse Hall
11:40 am	Putting It All Together: Clinical and Imaging Evaluation of a Multi-Ligament Knee Injury	Chris Larson, MD	Norse Hall
<b>11:50 am</b>	<b>Coffee Break</b> Mingle With Faculty and Discuss Cases		Outside Valhalla Ballroom
<b>Session VII: Complex Patellofemoral Issues and Treatments</b>			Iain Murray, MD, PhD
12:15 pm	Rehabilitation: Roles of Prehab, Rehab and Functional Testing	Jill Monson, PT	Norse Hall
12:25 pm	Diagnostic Workup of Recurrent Lateral Patellar Instability	Elizabeth Arendt, MD	Norse Hall

# MAY 30, 2025 (cont.)

12:35 pm	<b>Panel Discussion</b> Where MPFL and TTO Fit Into the Treatment Continuum	<b>Case Presenters</b> Vehniah Tjong, MD, FRCS Elizabeth Arendt, MD <b>Panel</b> Roberto Negrin, MD Andrew Geeslin, MD Michael Banffy, MD Kyle Martin, MD Prof. Sebastian Kopf, MD, PhD	Norse Hall
12:55 pm	Wrap-Up of Morning #2 and Breakout Directions	Robert LaPrade, MD, PhD Smith+Nephew	Norse Hall
<b>1:00 pm</b>	<b>Lunch</b>		Outside Valhalla Ballroom
<b>1:30 pm</b>	<b>Lunch Keynote Talk</b> My Journey as an Orthopedic Surgeon	Elizabeth Arendt, MD	Norse Hall
2:00 pm	<b>Groups D, E, F Breakouts (three 50-min rotations)</b> 1. Meniscus: Difficult Conversations and Difficult Decisions (50 min)  2. Technical Mistakes I Have Made and How to Get Out of Them (50 min)  3. Introduction of CARTIHEAL <sup>®</sup> —Cases and Conversations (50 min)	Roberto Negrin, MD James Robinson, MBBS, FRCS, MS  Elizabeth Arendt, MD Peter D'Alessandro, MBBS, FRACS, FAOrthA  Jorge Chahla, MD, PhD	Lodestar I  Lodestar II  Norse Hall
2:00 pm	<b>Groups A ,B, C Surgical Lab</b>		Valhalla Ballroom
<b>5:00 pm</b>	<b>Adjourn Course and Departures</b>		



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