

Minnesota Anatomic Complex Knee International Symposium 2019
September 11-14, 2019



Minnesota, MN
 Location: Radison Blu - Mall of America

Chairman: Robert F. LaPrade, MD, PhD **Chairman:** Lars Engebretsen, MD, PhD

US Faculty: Dr. Arendt, Dr. Brown, Dr. Johnson, Dr. Geeslin, Dr. Faucett, Dr. Kane, Dr. Levy, Dr. Larson, Dr. Anz, Dr. Ranawat, Dr. Safran, Dr. Brady, Dr. Chahla, Dr. Bernhardson, Dr. Wulf, Jill Monson PT

International Faculty: Dr. Lind, Dr. von Bormann, Dr. Spalding, Dr. Strauss, Dr. Getgood, Dr. Seil, Dr. Negrin, Dr. Inderhaug

Wednesday

8:00 AM - 4:00 PM Specimen Preparation & Presentation Uploads Faculty

Thursday

7:00 AM - 7:45 AM **Registration / Breakfast** **All Attendees**

7:50 AM Welcome & Course Objectives Brandon Hentkowski, Brad Cannon, Dr. LaPrade

Session I **What is Anatomic & Why Is It So Important?** **Moderator: Dr. Engebretsen**

8:00 AM Medial & Posterolateral Knee: Key Anatomic Principles Dr. LaPrade

8:15 AM Patellofemoral Joint: Knee Anatomic Principles Dr. Arendt

8:25 AM Live Dissection: Collaterals & Patellofemoral Joint
 *15 min *Moderator: Dr. Engebretsen Dr. LaPrade
 Dr. Arendt

8:40 AM Meniscal Roots & PCL (and a little ACL): Key Principles Dr. Brown

8:50 AM Live Dissection: Meniscal Roots & Cruciates
 *10 min *Moderator: Dr. Brown Dr. Getgood & Chahla

Session II **Biomechanically Relevant & Critical Clinical & Radiographic Exam** **Moderator: Dr. Spalding**

9:00 AM Key Static Knee Stabilizers: Collaterals Dr. Lind

9:10 AM Key Physical Exam & Stress X-Rays for MLI Dr. Geeslin

9:20 AM Live Sx Demo: Fluoroscopy for Cruciate/Collateral/MPFL Dx & Placement
 *20 min *Moderator: Dr. Johnson Dr. Brown
 Dr. Arendt

9:40 AM Roles of Meniscal Bodies, Roots, & Cruciates on Joint Load & Stability Dr. Johnson

9:50 AM Live Sx Demo: ACL-R Broke Out the Back: What Do I Do?
 *15 min *Moderator: Dr. Spalding Dr. Larson
 Dr. Inderhaug

10:05 AM - 10:25 AM **Coffee Break with Exhibitors & Meet the Faculty**

Session III **Collaterals: Anatomic Based Tx of Posterolateral Knee & Posteromedial Knee** **Moderator: Dr. Safran**

10:30 AM Superficial Medial Collateral Ligament Tears: Anatomic Tx/Outcomes Dr. Johnson

10:40 AM Live Sx Demo: Anatomic Complete MCL Reconstruction
 *15 min *Moderator: Dr. Johnson Dr. Lind
 Dr. Bernhardson

10:55 AM Lateral (Fibular) Collateral Ligament Tears: Anatomic Tx/Outcomes Dr. Chahla

11:05 AM	Live Sx Demo: Anatomic LCL (FCL) Reconstruction *15 min *Moderator: Dr. .Levy	Dr. LaPrade Dr. von Bormann
11:20 AM	Popliteus & Posterior Oblique Ligament Tears: Anatomic Tx/Outcomes	Dr. Wulf
11:30 AM	Live Sx Demo: Arthroscopic Popliteus Tendon Reconstruction *10 min *Moderator: Dr. Safran	Dr. Faucett Dr. Kane
11:40 AM	Techniques to Avoid Tunnel Convergence in MLI Surgery	Dr. Strauss
11:50 AM	Live Sx Demo: Avoiding Tunnel Convergence *10 min *Moderator: Dr. Engebretsen	Dr. Seil Dr. Chahla
12:00 PM	Anatomic Posterolateral Corner Reconstruction	Dr. Schenk
12:10 PM	Live Sx Demo: Anatomic Posterolateral Corner Reconstruction *20 min *Moderator: Dr. Levy	Dr. LaPrade Dr. Engebretsen
12:30 PM -	Lunch & Roundtable Case Study Discussion with Faculty	Drs. Johnson, LaPrade, Lind
1:30 PM	<u>Bio-Skills Lab Session 1</u>	& Getgood
1:45 PM –	Lab Group 1: TBD	All Attendees
4:15 PM	Lab Group 2: TBD	
Session IV	Complex Meniscus Issues & Osteotomies	Moderator: Dr. Seil
4:40 PM	Preserve the Meniscus at All Costs: Advanced Indications for Repair	Dr. Seil
4:50 PM	Live Sx Demo: Complex Meniscal Repair: Inside-Out & All-Inside Techniques *15 min *Moderator: Dr. Lind	Dr. Spalding Dr. Ranawat
5:05 PM	Meniscal Roots & Radial Root Tears: A Missed Epidemic	Dr. Faucett
5:15 PM	Live Sx Demo: Anatomic Meniscal Root Repairs *15 min *Moderator: Dr. Faucett	Dr. LaPrade Dr. Ranawat
5:30 PM	Updates on Meniscal Transplantation 2019	Dr. Alan Getgood
5:40 PM	Live Sx Demo: Medial Meniscus Transplantation *15 min *Moderator: Dr. Negrin	Dr. Johnson Dr. Verdonk
5:55 PM	The Role of Slope on ACL and PCL Reconstruction Failures	Dr. Bernhardson
6:05 PM	Live Sx Demo: Bi-Planar Osteotomy for ACL & PCL Deficient Knee *10 min *Moderator: Dr. Brown	Dr. Seil Dr. Getgood
6:15 PM	Complex Case Presentation: Faculty Roundtable Discussions *Collaterals/Meniscus/Osteotomies *One faculty per table	Cases by Drs. Larson, Getgood, Safran & Strauss
6:45 PM	Distinguished Faculty Lecture: Life Lessons I have learned in Sports Medicine	Dr. Romain Seil
6:55 PM	Closing Announcements	Matt Van Horn
7:00 PM	Meet the Faculty Social Hour – Case Study Discussions *Complex Knee Case Studies – What Would You Do?	Drs. Geeslin, Kane, Bernhardson, & Chahla

Friday

6:45 AM -
7:25 AM

Breakfast

All Attendees

7:25 AM

Agenda Review

Dr. LaPrade

Session V

Posterior Cruciate Ligament & Multi-Ligament Injuries

Moderator: Dr. Schenck

7:30 AM

Overview of Clinically Relevant PCL Anatomy & Dx Techniques

Dr. Negrin

7:40 AM

Why We Need to Perform Double Bundle PCL Reconstructions

Dr. LaPrade

7:50 AM

Live Sx Demo: Anatomic Double Bundle PCL Reconstruction
*20 min *Moderator: Dr. LaPrade

Dr. Strauss
Dr. von Bormann

8:10 AM

Workup & Treatment of Combined Grade 3 MCL-PCL Injuries

Dr. von Bormann

8:20 AM

Live Sx Demo: Approach to the Posterior Knee
*10 min *Moderator: Dr. von Bormann

Dr. Faucett
Dr. Lind

8:30 AM

Workup & Treatment of Combined Grade 3 ACL-PLC Injuries

Dr. Engebretsen

8:40 AM

Live Sx Demo: What is the Ideal Tightening Order for a Multi-Ligament Injury
*10 min *Moderator: Dr. Schenk

Dr. Johnson
Dr. Engebretsen

8:50 AM

Identifying the Peroneal Nerve and How to Manage Injuries

Dr. Levy

9:00 AM

Pulling It All Together: Clinical and Imaging Eval for the Multi-Lig Knee

Dr. Larson

9:10 AM -
9:30 AM

Break with Exhibitors & Meet with Faculty

All Attendees

Session VI

Complex Patellofemoral Issues: Gold Standard Treatment

Moderator: Dr. Negrin

9:30 AM

Diagnostic Workup of Recurrent Lateral Patellar Instability

Dr. Brady-Munch

9:40 AM

Diagnosis & Treatment of Medial Patellar Instability

Dr. Geeslin

9:50 AM

Live Surgical Demo: MPFL Reconstruction
*10 min *Moderator: Dr. Schenk

Dr. Arendt
Dr. Brady-Munch

10:00 AM

When is a Tibial Tubercle Osteotomy Indicated?

Dr. Safran

10:10 AM

Trochleoplasty for Trochlea Dysplasia: Key Surgical Pearls

Dr. Arendt

10:20 AM

Live Sx Demo: Open Trochleoplasty
*15 min *Moderator: Dr. Arendt

Dr. Strauss
Dr. Lind

10:35 AM -
10:50 AM

Break with Exhibitors & Meet with Faculty

All Attendees

Session VII

Revision ACL & Other Complex Knee Issues

Moderator: Dr. Johnson

10:50 AM

Workup of Failed ACL-R: Bad Original Technique & Osteolysis:
One or Two Surgeries? Bone Graft or Not?

Dr. Schenck

11:00 AM

Lateral Extra-Articular Reconstruction Techniques: When are they Indicated?

Dr. Inderhaug

11:10 AM

Live Sx Demo: Lateral Extra-Articular Tenodesis – ALL Reconstruction
*15 min *Moderator: Dr. Verdonk

Dr. Getgood
Dr. Geeslin

11:25 AM

The Grossly Unstable Knee: Should I Use An External Fixator?

Dr. von Bormann

11:35 AM	Anatomic Treatment of Proximal Tibiofibular Joint Instability: Do We Miss These Too Often?	Dr. Chahla
11:45 PM	Live Sx Demo: Anatomic Proximal Tibiofibular Reconstruction *15 min *Moderator: Dr. Chahla	Dr. Levy Dr. Faucett
12:00 AM	Long-term Outcomes and Return to Sport for Multiple Ligament Reconstructions	Dr. Spalding
12:10 PM	Advanced Rehabilitation Issues for MLI Knee Injuries	Jill Monson PT
12:20 PM	Advanced Bracing Principles for Revision ACL, PCL & Multi-Ligament Knee	Dr. Kane
12:30 PM	Live Sx Demo: Arthroscopic Posterior Capsule Release *10 min *Moderator: Dr. Spalding	Dr. Anz Dr. Safran
12:40 PM	Bone Allograft vs Autograft for Tunnel and Osteotomy Grafting	Dr. Brown
12:50 PM	How to Harvest & Use Biologics for Complex Knee Injuries	Dr. Anz
1:00 PM	Distinguished Faculty Lecture: The Importance of International Collaboration	Dr. Engebretsen
1:15 PM	Closing Remarks & Program Reflections	Dr. LaPrade Dr. Engebretsen Matt Van Horn
1:30 PM - 2:00 PM	Lunch & Roundtable Case Study Discussion with Faculty	Drs. Schenk, Ranawat, Von Bornmann, Arendt
	<u>Bio-Skills Lab Session 2</u>	
2:15 PM – 4:45 PM	Lab Group 1: TBD Lab Group 2: TBD	All Attendees
7:00 PM - 10:00 PM	Faculty Dinner (Invitation Only)	
Saturday		
7:15 AM - 8:00 AM	Breakfast	All Attendees
	<u>Bio-Skills Lab Session 3</u>	
8:00 AM – 11:15 AM	Lab Group 1: TBD Lab Group 2: TBD	All Attendees