

Thursday, September 24

2:00 - 2:30 PM

Welcome Coffee & Networking *sponsored by Icarus Medical*
Bracing Techniques, Indications & Outcomes - non-operative & operative adjunctive applications – *Adam Yanke*

2:30 - 6:00 PM

Session 1: Creating the Foundation for Knee Joint Preservation

2:30 - 2:45 PM

OCA Graft Procurement & Processing – John A. Grant
sponsored by JRF Ortho

- Describe the process of donor procurement
- Graft sizing and matching
- Live video of the processing steps

2:45 - 3:00 PM

Natural History - Aaron Krych

- Focal chondral defects
- The meniscectomized knee (medial / lateral / root / bucket excision)

3:00 - 3:15 PM

Non-Operative Biologics for the Knee: Techniques, Indications & Outcomes - Don Buford - IOF Collaboration

- Non-operative use for early knee osteoarthritis

3:15 - 3:30 PM

Surgical Augmentation with Knee Biologics: Cartilage & Meniscus Repair - Seth Sherman

- Intra- and post-operative use around cartilage transplantation or osteotomy

3:30 - 3:45 PM

Optimize the Environment - Christian Lattermann

- What should a clinician know about PTOA
- DMOAD: fact or fiction?
- Serum and synovial biomarkers

3:45 - 4:15 PM

Coffee Break/Exhibition

4:15 - 4:25 PM

OCD: Young & Old - Managing It at Any Stage - *Brian Cole*

- Natural history if left alone
- Surgical and non-surgical management

4:25 - 4:35 PM

The Subchondral Bone: Where Are We Today? - *Brian Cole*

- Evidence that it's a pain generator
- Relevance to surface-based or reconstructive cartilage transplantation
- Treatment options

4:35 - 4:50 PM

Modern Osteotomy: PSI & Advances in Technology - *Adam Yanke*

- Perioperative planning
- Overview of available systems
- 3D printing
- Unmet need: TTO planning

4:50 - 5:05 PM

The Biomechanical Role of the Meniscus - *Seth Sherman*

- Radials / roots - medial/lateral effect on contact pressures and stability
- Evidence of restoration of natural state in vivo or in vitro

5:05 - 5:20 PM

The Treatment Algorithm: A View From the Top - *Simon Goertz*

- Review of the most commonly available cartilage treatments with their strengths & weaknesses

5:20 - 5:35 PM

Are We Ready for Metal in the Young Patient? - *Tim Wang*

- Actual survivorship of TKA / UKA / PFA in a 30-40 year old
- Do prior preservation surgeries hinder outcome?
- Detailed outcomes: does a revision-free patient equal a happy patient?

5:35 - 6:00 PM

Discussion / Q&A

6:00 – 6:30 PM

CARTIHEAL – Where Does It Fit in the Algorithm? - Brian Cole

6:30 – 8:00 PM

«Chicago-Style» Welcome & Networking Reception

Sponsored by Smith+Nephew

Friday, September 25

7:00 - 7:45 AM **Networking Breakfast (Monroe)**

8:00 - 8:20 AM
Historical Lecture

The History of Osteochondral Allograft Transplantation (OCA/OAG) - *Allan Gross*

8:20 - 10:00 AM
Session 2: The Patellofemoral Joint

Panel: Seth Sherman, Adam Yanke, Camila Cohen Kaleka, Christian Lattermann

8:20 - 8:40 AM **Case 1: Patellofemoral Pain with Chondromalacia & No Bone Loss - Adam Yanke**

- Non-operative management
- Debridement
- Planning for the future
- Soft tissue management
- Osteotomy? Cartilage?

▶ ReLive: TTO with multiple techniques (MD3T - Seth Sherman) (8:40 - 8:45 am)

8:45 - 9:05 AM **Case 2: PF Chondral Damage in the 1st-Time Dislocator with Fragment - Camila Cohen Kaleka**

- Fixable / non-fixable, large fragments

▶ ReLive: Fragment Fixation - transosseous suture/screws (Christian Lattermann) (9:05 - 9:10 am)

9:10 - 9:30 AM **Case 3: Uni-polar Trochlear Defect (no PFI) - Christian Lattermann**

- MACI vs OCA
- Relative benefit of TTO

▶ ReLive: Trochlear OCA (Adam Yanke) & Patellar MACI (Christian Lattermann) (9:30 - 9:40 am)

9:40 - 9:55 AM

Case 4: Bipolar PF Cartilage Loss in the 30-Year-Old - *Seth Sherman*

- Bipolar OCA/MACI vs PFA
- Isolated osteotomy / facetectomy / ablation

▶ ReLive: Kinamed PFA (Adam Yanke) (9:55-10:00 AM)

10:00 - 10:30 AM

Coffee Break/Exhibition

10:30 AM - 12:30 PM

Session 3: The Medial Knee

Panel: Brian Cole, Aaron Krych, Tim Wang

10:30 - 11:00 AM

Case 1: 2.5 cm² MFC Cartilage Defect in a 20-Year-Old - *Tim Wang*

- Injections, bracing, therapy
- Scope / debridement
- MFX / OCA / OATs / MACI / Cartiheal

▶ ReLive: OCA (Tim Wang) (10:45 - 10:50 am)

▶ ReLive: MACI Arthro (Christian Lattermann) (10:50 - 10:55 am)

▶ ReLive: Cartiheal (Brian Cole) (10:55 - 11:00 am)

11:00 - 11:20 AM

Case 2: MFC OCD Lesion - Role for Removal in 2026? - *Aaron Krych*

- Review case / intra-operative evaluation of stability
- Treatment methods (drilling, screws, etc.)

▶ ReLive: OCD Fixation (Brian Cole) (11:15 -11:20 am)

11:20 - 11:30 AM

Case 3: MFC Lesion with 4.5° of Varus - *Christian Lattermann*

- Review outcomes of cartilage with and without osteotomy
- Review outcomes of osteotomy with and without cartilage

▶ ReLive: HTO (Aaron Krych) (11:25 - 11:30 am)

11:30 - 11:45 AM

Case 4: Medial Knee Pain with Chondral Heterogeneity & Bone Marrow Signal - *Brian Cole*

- Dx process to determine pain source
- Non-operative options
- Surgical treatment

▶ ReLive: Subchondral Bone Treatment (Brian Cole) (11:40 - 11:45)

11:45 - 11:55 AM

Case 5: Management of the Lateral Tibial Plateau - *Christian Lattermann*

- Role for osteotomy
- Keys for access
- Technology that can be utilized

▶ ReLive: Autocart & MST (Brian Cole) (11:55 am - 12:00 pm)

▶ ReLive: DFO (Tim Wang) (12:00 -12:05 pm)

12:05 - 12:25 PM

Case 6: KL 3 Changes in the Active 40-Year-Old - *Tim Wang*

- HTO
- UKA
- MISHA

▶ ReLive: MISHA (Adam Yanke) (12:25-12:30 pm)

12:30 - 1:30 PM

Lunch Satellite Symposium sponsored by Vericel

Maximizing MACI: Treatment Strategies for Addressing Large & Multiple Cartilage Defects

Moderator: John Grant, MD, MedSport, University of Michigan

Speakers: Deryk Jones, MD, Sutter Health & J. Lee Pace, MD; Children's Health Andrews Institute

1:30 - 2:20 PM

Session 4: The Meniscal Deficient Knee

Panel: Brian Cole, Aaron Krych, Seth Sherman, Simon Goertz

1:30 - 1:50 PM

Case 1: Post-Meniscectomy Knee with Pain - *Simon Goertz*

- Review case with acute medial meniscectomy versus acute lateral meniscectomy approach for future treatment
- When to pull the trigger on transplant
- Associated procedures

▶ ReLive: Bone-block MAT (Brian Cole) (1:40 - 1:45 pm)

▶ ReLive: Soft-tissue/plug MAT w/ centralization & capsulodesis (Seth Sherman) (1:45 - 1:50 pm)

1:50 - 2:00 PM

Case 2: ACL Patient with Acute Bucket Medial Meniscus (irreparable) - *Aaron Krych*

- Review role for acute MAT
- Additional stabilization planned if meniscus is irreparable? (different if medial or lateral)
- Is an irreparable root here different than an irreparable bucket?

2:00 - 2:20 PM

Case 3: MAT in the Revision ACL - *Brian Cole*

- When to add MAT to revision ACL
- History that changes necessity of MAT

▶ ReLive: Bone-Block MAT with ACL Reconstruction (Adam Yanke) (2:15 - 2:20 pm)

2:20 - 2:45 PM

Coffee Break/Exhibition

2:45 - 3:45 PM

Session 5: Complex & Combined Treatment with Ligament Deficiency

Panel: Adam Yanke, Seth Sherman, Christian Lattermann, Simon Goertz

2:45 - 3:05 PM

Case 1: MPFL / PF Cartilage / TTO - Seth Sherman

- Review indications for additional procedures
- TTO role in cartilage vs instability in PF joint
- Order of operations

▶ ReLive: Order of Operations (Seth Sherman) (3:00 - 3:05)

3:05 - 3:25 PM

Case 2: ACL / Osteotomy / Cartilage Transplant - Adam Yanke

- Indications for osteotomy
- Planning and order of events
- Role of staging

▶ ReLive: ACL / Osteotomy / Cartilage (Adam Yanke) (3:20-3:25 PM)

3:25 - 3:45 PM

Case 3: Salvage PF OA - Shell Graft - Simon Goertz

- Salvage situations
- Large and multiple OA grafts vs shell vs PFA

▶ ReLive: Shell PF OA Graft (Aaron Krych) (3:40 - 3:45 pm)

3:45 - 4:45 PM

Session 6: Complications & Management

Panel: Christian Lattermann, Aaron Krych, Tim Wang

Faculty Complication Cases - All faculty

Each faculty member presents a templated case: a complication, how it was treated, and the specific outcome

4:45 PM

Adjourn