



Mayo Clinic  
Controversies in Wrist Surgery  
May 16 – 19, 2019  
Rochester, MN

Thursday, May 16, 2019	
Pre-Conference Laboratory Workshop – <i>Anatomy of the Wrist</i> (Optional add-on)	
6:45 a.m.	<b>Pre-Conference Registration and Breakfast</b> <i>Leighton Auditorium</i> <i>Siebens Building</i>
7:00 a.m.	Welcome and Introduction Overall set up and Anatomy, Avoiding Complications <i>Steven L. Moran, M.D., Richard A. Berger, M.D., Ph.D.</i> <b>Move to Stabile, 9<sup>th</sup> Floor</b>
7:10 a.m.	Ablative Techniques for TFCC, Synovitis and Ligament Shrinkage <i>Jeffrey Yao, M.D.</i>
7:20 a.m.	Ganglionectomy <i>Toshi Nakamura M.D. Ph.D.</i>
7:30 a.m.	Radial Styloid Resection, Wafer <i>David J. Slutsky, M.D.</i>
7:40 a.m.	TFCC Repair <i>Toshi Nakamura M.D., Ph.D.</i>
7:50 a.m.	<b>Lab session 1 :</b> <b>Portal Placement for Wrist, Ganglionectomy, Synovectomy, Radial Styloidectomy, TFCC Repair</b>
9:50 a.m.	<b>Break</b>
10:10 a.m.	SL Repair <i>Christopher L. Mathoulin, M.D.</i>
10:25 a.m.	Distal Radius Fixation <i>Steven L. Moran, M.D.</i>
10:40 a.m.	Scaphoid Repair <i>Jan-Ragnar Haugstvedt, M.D., Ph.D.</i>
10:55 a.m.	<b>Lab session 2</b> <b>Fracture Repair. Distal radius FX and Scaphoid FX, and TFCC</b>
12:45 p.m.	<b>Working Lunch</b> <i>Stabile 9</i>
12:45 p.m.	Intercarpal Fusions <i>P.C. Ho, MBBS, FRCS, FHKCOS</i>
12:55 p.m.	Perilunate Management <i>Guillaume Herzberg, M.D., PhD</i>
1:15 p.m.	CMC & STT Arthroscopy <i>Tyson Cobb, M.D.</i>
1:30 p.m.	<b>Lab session 3:</b> <b>PRC, Scaphoidectomy, Intercarpal Fusion</b>
3:30 p.m.	<b>Break</b>
3:45 p.m.	Lab Debrief and More Tips for Distal Radius Fractures and TFCC Repair <i>All instructors</i>
4:15 p.m. – 6:00 p.m.	<b>Adjourn</b> Industry Demonstrations: MCP Joint Arthroplasty, DRUJ Arthroplasty, Ligament Fixation (Integra, Arthrex, NewClip, Aptis) <b>(Optional – No CME Credit)</b>

**Friday, May 17, 2019**

**General Session  
Controversies in Wrist Surgery**

6:45 a.m.	<b>Registration and Breakfast</b> <i>Leighton Auditorium Siebens Building</i>
7:25 a.m.	Welcome and Introduction <i>Richard A. Berger, M.D., Ph.D., Steven L. Moran, M.D., Marco Rizzo, M.D.</i>
<b>Session I: Acute Trauma - Scaphoid</b> <b>Moderator: Michael Hayton, M.D., FRCS</b>	
7:30 a.m.	Case Presentation, Overview, Classification <i>Michael Hayton, M.D., FRCS,</i>
7:40 a.m.	Radiographic Assessment, MRI, CT, or Bone Scan? <i>Nicholas G. Rhodes, M.D.</i>
7:55 a.m.	Blood Supply to the Scaphoid <i>Steven L. Moran, M.D.</i>
8:10 a.m.	Casting Versus Screw: When and Who: What's the Evidence <i>David G. Dennison, M.D.</i>
8:25 a.m.	Arthroscopic Scaphoid Reduction and Screw Fixation: Tips and tricks <i>David J. Slutsky, M.D.</i>
8:40 a.m.	Scaphoid Fractures in the Athlete: When to Fix and When to Move <i>Michael Hayton, M.D., FRCS</i>
8:55 a.m.	Dorsal Percutaneous Approach for Acute Fractures <i>Steven L. Moran, M.D.</i>
9:10 a.m.	A tribute to Richard Berger, MD, PhD. <i>William P. Cooney, M.D.</i>
9:20 a.m.	A 30 year perspective on the management of scaphoid fractures <i>William P. Cooney, M.D.</i>
9:30 a.m.	Panel Discussion: 2 Cases/ 4 Opinions Moderator: <i>Steven L. Moran, M.D. William P. Cooney, M.D.</i> Panel: <i>Michael Hayton, MD, FRCS, Julie E. Adams, M.D., David J. Slutsky, M.D.</i>
10:00 a.m.	Break
<b>Session II: More Than Just a Scaphoid Fracture?</b> <b>Moderator: Peter C. Rhee, D.O.</b>	
10:20 a.m.	Case Presentation and Overview <i>Peter C. Rhee, D.O.</i>
10:30 a.m.	Treatment Following Perilunate Injuries: Pearls to Getting Good Results <i>Guillaume Herzberg, M.D., Ph.D.</i>
10:45 a.m.	Radiocarpal Dislocations <i>David J. Slutsky, M.D.</i>
11:00 a.m.	Axial Carpal Dislocations <i>Steven L. Moran, M.D.</i>
11:15 a.m.	Management of Greater Arc Variants/ Lunate Fractures and Carpal Instability <i>Gregory I. Bain, Ph.D., FRCS</i>
11:30 a.m.	PLIND <i>Guillaume Herzberg, M.D., Ph.D.</i>
11:45 a.m.	Ulnar Perilunate Dislocation <i>Peter M. Murray, M.D.</i>
12:00 p.m.	LT Instability: Tips and Ticks <i>Jan Ragnar Haugstvedt, M.D, Ph.D.</i>
12:15 p.m.	Late Management of Perilunate Injury

	<i>Jeffrey Yao, M.D. and Marco Rizzo, M.D.</i>
12:30 p.m.	<b>Lunch</b>
<b>Session III: Distal Radius Fracture</b>	
<b>Moderator: David G. Dennison, M.D.</b>	
1:30 p.m.	Case Presentation, Overview, Classification <i>David G. Dennison, M.D.</i>
1:40 p.m.	Fracture Management as a Component of Training: Who is Better? <i>Peter M. Murray, M.D.</i>
1:55 p.m.	Volar Plates: Limitations <i>Marco Rizzo, M.D.</i>
2:10 p.m.	Fragment Specific Fixation: Show me the Benefit <i>Peter Rhee, D.O.</i>
2:25 p.m.	Arthroscopic Repair of Complex Fractures: The New Standard? <i>Francisco del Piñal, M.D., Ph.D.</i>
2:40 p.m.	Bridge Plate or External Fixation. When and Why <i>Peter C. Rhee, D.O.</i>
2:55 p.m.	Immediate Hemi Arthroplasty for Intra-Articular Fractures <i>Guillaume Herzberg, M.D., Ph.D.</i>
3:05 p.m.	<b>Break</b>
<b>Session IV: Ligamentous Injuries Associated with DR Fractures</b>	
<b>Moderator: Max Haerl, M.D.</b>	
3:30 p.m.	Assessment and Identification of Soft Tissue Injuries Associated with DRF <i>Max Haerle, M.D.</i>
3:40 p.m.	Reduction of Coronal Plane Translation and Effect on DRUJ Stability in Distal Radius Fractures <i>Marc Ross, M.D.</i>
3:55 p.m.	Foveal Avulsion and Ulnar Styloid Fracture <i>Gregory I. Bain, Ph.D., FRCS</i>
4:10 p.m.	Acute Arthroscopic Management of TFCC Injury <i>Toshi Nakamura M.D. Ph.D.</i>
4:25 p.m.	Arthroscopic Management of Partial SLIL Injuries (Geissler 1-3) <i>Jeffrey Yao, M.D.</i>
4:40 p.m.	Complex DR fractures: 2 Cases and 4 Answers Moderator: Toshi Nakamura, M.D., Ph.D. Panel: <i>Gregory I. Bain, Ph.D., FRCS, Mark Ross, M.D., David G. Dennison, M.D., Jeffrey Yao, M.D.</i>
5:00 p.m.	<b>Total wrist replacement</b> <i>Marco Rizzo, M.D.</i> <b>Stabile (Live Video)</b>
6:00 p.m.	<b>Adjourn</b>

**Saturday May 18, 2019**

6:30 a.m.	<b>Breakfast</b> <i>Leighton Auditorium</i> <i>Siebens Building</i>
<b>Session V: Chronic Ligamentous Injury</b> <b>Moderator: Marc Ross, M.D.</b>	
7:00 a.m.	Case Overview and Historical Problems <i>Marc Ross, M.D.</i>
7:10 a.m.	Radiology in the Diagnosis of Radial Sided Wrist Pain. The Validity of MRI and MR Arthrography <i>Nicholas G. Rhodes, M.D.</i>
7:25 a.m.	Scapholunate Injury: Kinematics, Classification and the Role of Proprioception <i>Gregory I. Bain, Ph.D., FRCS</i>
7:45 a.m.	Arthroscopic Options: When Will It Work? <i>Max Haerle, M.D.</i>
8:05 a.m.	My approach to SL instability <i>Christopher L. Mathoulin, M.D.</i>
8:20 a.m.	Volar Capsulodesis <i>Steven L. Moran, M.D.</i>
8:30 a.m.	Tenodesis (Wrightington Experience) <i>Ian A. Trail, M.D., FRCS</i>
8:45 a.m.	Tenodesis (Brisbane Experience) <i>Marc Ross, M.D.</i>
9:00 a.m.	Capitohamate BLB Repair <i>Toshi Nakamura M.D. Ph.D.</i>
9:15 a.m.	Arthroscopic Volar and Dorsal Repair <i>P.C. Ho, MBBS, FRCS, FHKCOS</i>
9:30 a.m.	<b>Refreshment Break</b>
<b>Session VI: Scaphoid Non Union/ Malunion</b> <b>Moderator: Peter C. Amadio M.D.</b>	
10:00 a.m.	Review of Long Term Outcomes and Problems <i>Peter C. Amadio, M.D.</i>
10:10 a.m.	Arthroscopic Management With and Without Grafting <i>P.C. Ho, MBBS, FRCS, FHKCOS</i>
10:25 a.m.	Volar Grafting Techniques: Exposure and Plating of Scaphoid Fractures <i>Michael Hayton, M.D., FRCS</i>
10:40 a.m.	Dorsally and Volar Based Vascularized Bone Grafts: What are the Indications in 2019? <i>Allen T. Bishop, M.D.</i>
10:55 a.m.	The Medial Femoral Condyle <i>Allen T. Bishop, M.D.</i>
11:10 a.m.	Hamate Articular Autograft <i>Bassem T. Elhassan, M.D.</i>
11:20 a.m.	Osteochondral Grafting <i>Jeffrey Yao, M.D.</i>
11:40 a.m.	2 Terrible Cases and 4 Opinions Moderator <i>Peter C. Amadio, M.D.</i> Panel: <i>Allen Bishop, M.D., P.C. Ho, MBBS, FRCS, FHKCOS, Michael Hayton, M.D., FRCS, Bassem T. Elhassan, M.D.</i>
12:05p.m.	<b>Lunch</b>

## Saturday May 18, 2019 (Cont.)

### Session VII: Radiocarpal Arthritis

**Moderator: Jan Ragnar Haugstvedt, M.D., Ph.D.**

1:05 p.m.	Overview Radiocarpal Arthritis <i>Jan Ragnar Haugstvedt, M.D., Ph.D.</i>
1:15 p.m.	4 Corner Fusion <i>Ian Trail, M.D, FRCS</i>
1:30 p.m.	Arthroscopic Fusions-Tips and Tricks <i>Francisco del Pinal, M.D.</i>
1:45 p.m.	Arthroscopic Resection for Management SLAC and SNAC <i>Tyson Cobb, M.D.</i>
2:00 p.m.	PRC Benefits and Challenges <i>Steven L. Moran, M.D.</i>
2:15 p.m.	Nonvascularized Articular Bone Grafting <i>J. Henk Coert, M.D., Ph.D.</i>
2:30 p.m.	Salvage of Intra-Articular Injury: My Approach <i>Francisco del Pinal, M.D.</i>
2:45 p.m.	Deinnervation <i>Max Haerle, M.D.</i>
3:00 p.m.	Break

### Session VIII: Special Topic Focus: Wrist replacement

**Moderator: Ian A. Trail, M.D., FRCS, Robert Beckenbaugh, M.D.**

3:20 p.m.	Overview of TWA: Successes and Failures <i>Ian A. Trail, M.D., FRCS</i>
3:35 p.m.	TWA: My Experience <i>Guillaume Herzberg, M.D., Ph.D.</i>
3:50 p.m.	TWA : My Experience <i>Marco Rizzo, M.D.</i>
4:05 p.m.	Revision TWA <i>J. Henk Coert, M.D., Ph.D.</i>

### Session IX: Special Topic Focus: Kienbock Disease: Changing Concepts

**Moderator: Gregory I. Bain, Ph.D., FRCS**

4:20 p.m.	Overview and Major Advancements Over Past 5 Years <i>Gregory I. Bain, Ph.D., FRCS</i>
4:35 p.m.	Vascularized Grafting: Its Role in 2019 <i>Allen T. Bishop, M.D.</i>
4:50 p.m.	Arthroscopic Management <i>David J. Slutsky, M.D.</i>
5:05 p.m.	Is There Anything Better Than Radial Shortening? <i>Ian A. Trail, M.D., FRCS</i>
5:20 p.m.	2 Cases and 4 Solutions Moderator <i>Greg Gregory I. Bain, Ph.D., FRCS</i> Panel: <i>Ian A. Trail, M.D., FRCS, Allen T. Bishop, M.D., David J. Slutsky, M.D.</i>
6:00 p.m.	<b>Conference Reception</b> <b>Matthews Grand Lobby</b> <b>Mayo Building, Street Level</b>

# Sunday, May 19, 2019

6:30 a.m.	<b>Breakfast</b> <i>Leighton Auditorium</i> <i>Siebens Building</i>
<b>Session X: Thumb Arthritis</b> <b>Moderator: Julie E. Adams, M.D.</b>	
7:00 a.m.	Why do we Look for Better Ways to do This? <i>Julie E. Adams, M.D.</i>
7:15 a.m.	Trapeziectomy and Ligament Suspension: Still the Gold Standard? <i>Shelley Noland, M.D.</i>
7:30 a.m.	Arthroscopic Hemi-Resection <i>Scott P. Steinmann, M.D.</i>
7:45 a.m.	Arthroscopic Techniques for CMC and STT <i>Tyson Cobb, M.D.</i>
8:00 a.m.	CMC Arthroplasty <i>Bassem T. Elhassan, M.D.</i>
8:15 a.m.	CMC in Patients Under 50: What is the Best Option? <i>Julie Adams, M.D.</i>
8:30 a.m.	Salvage of the Failed CMC Arthroplasty <i>Marco Rizzo, M.D.</i>
8:45 a.m.	2 Cases Moderator: Julie E. Adams, M.D. Robert Beckenbaugh, M.D. Panel: Shelley Noland, M.D. , <i>Scott P. Steinmann, M.D.</i> , <i>Tyson Cobb, M.D.</i> , <i>Marco Rizzo, M.D.</i> , <i>Bassem T. Elhassan, M.D.</i> ,
9:30 a.m.	<b>Refreshment Break</b>
<b>Session XI: DRUJ Injury</b> <b>Moderator: Richard A. Berger, M.D., Ph.D.</b>	
9:45 a.m.	Overview of DRUJ Stability <i>Richard A. Berger, M.D., Ph.D. &amp; Steven L. Moran, M.D.</i>
10:00 a.m.	Arthroscopic Management of Ulnocarpal & Ulnar Styloid Impaction <i>Tyson Cobb, M.D.</i>
10:15 a.m.	DRUJ Instability: 15 Years of experience with the Adams-Berger Procedure <i>Steven L. Moran, M.D.</i>
10:30 a.m.	Replacement <i>Ian A. Trail, M.D., FRCS</i>
10:45 a.m.	Pyrocarbon Hemi-Replacement <i>Bassem T. Elhassan, M.D.</i>
11:00 a.m.	Total Constrained Implant: The Dutch Experience <i>J. Henk Coert, M.D., Ph.D.</i>
11:15 a.m.	Revision Following Replacement <i>Marco Rizzo, M.D.</i>
11:30 a.m.	2 Terrible Cases Moderator: <i>Steven L. Moran, M.D. &amp; Bassem T. Elhassan, M.D</i> Panel: <i>Richard A. Berger, M.D.</i> , <i>Ian A. Trail, M.D., FRCS,</i> , <i>Marco Rizzo, M.D.</i> , <i>J. Henk Coert, M.D., Ph.D.</i>
12:00 p.m.	<b>Adjourn</b>