



Mayo Clinic Comprehensive Shoulder and Elbow Course: Current Concepts and Controversies 2024

January 25-27, 2024

Note: Times listed in Mountain Time

Thursday, January 25, 2024	
6:30 a.m.	Registration and Continental Breakfast
7:25 a.m.	Welcome and Course Overview
Shoulder Instability Moderator: John M. Tokish, M.D. Panel: Matthew M. Crowe, M.D., Jay D. Keener, M.D., Anthony A. Romeo, M.D., Bradley S. Schoch, M.D.	
7:30 a.m.	The In-season Athlete with Shoulder Instability Matthew M. Crowe, M.D.
7:40 a.m.	Case Presentation-Matthew M. Crowe, M.D. Panel and Attendee Discussion
7:50 a.m.	Posterior Instability in the Active Athlete Bradley S. Schoch, M.D.
8:00 a.m.	Case Presentation-Bradley S. Schoch, M.D. Panel and Attendee Discussion
8:10 a.m.	Bone Loss in the Setting of Shoulder Instability Anthony A. Romeo, M.D.
8:20 a.m.	Case Presentation-Anthony A. Romeo, M.D. Panel and Attendee Discussion
8:30 a.m.	Case Presentations and Audience Discussion Moderator: John M. Tokish, M.D.
8:50 a.m.	Break
Reconstructive Options for the Active Athlete Moderator: Joaquin Sanchez-Sotelo, M.D., Ph.D. Panel: Matthew M. Crowe, M.D., Christopher L. Camp, M.D., Anthony A. Romeo, M.D., Bradley S. Schoch, M.D., John M. Tokish, M.D.	
9:10 a.m.	The Rotator Cuff at Risk: When and How We Should Address This With Augmentation Jay D. Keener, M.D.
9:20 a.m.	Case Presentation-Jay D. Keener, M.D. Panel and Attendee Discussion
9:30 a.m.	Decision Making in the Massive Irreparable Cuff Tear John M. Tokish, M.D.
9:40 a.m.	Case Presentation-John M. Tokish, M.D. Panel and Attendee Discussion
9:50 a.m.	Repair of the Massive Cuff Tear: All My Technical Tricks Joaquin Sanchez-Sotelo, M.D., Ph.D.
10:00 a.m.	Case Presentation-Joaquin Sanchez-Sotelo, M.D., Ph.D. Panel and Attendee Discussion
10:10 a.m.	Biologics as Augmentation in the Rotator Cuff Repair Bradley S. Schoch, M.D.
10:20 a.m.	Case Presentation-Bradley S. Schoch, M.D. Panel and Attendee Discussion
10:30 a.m.	Arthroscopic Subscapularis Repair: Intra and Extraarticular Approaches Anthony A. Romeo, M.D.
10:40 a.m.	Case Presentation-Anthony A. Romeo, M.D. Panel and Attendee Discussion
10:50 a.m.	The Painful Biceps: From Stem to Stern Christopher L. Camp, M.D.
11:00 a.m.	Case Presentation-Christopher L. Camp, M.D. Panel and Attendee Discussion

11:10 a.m.	Tendon Transfers for the Massive Cuff Joaquin Sanchez-Sotelo, M.D., Ph.D.
11:20 a.m.	Case Presentation-Joaquin Sanchez-Sotelo, M.D., Ph.D. Panel and Attendee Discussion
11:30 a.m.	Rotator Cuff Cases from Partial Tear to Massive Presenter: Joaquin Sanchez-Sotelo, M.D., Ph.D. Panel Discussion
11:45 a.m.	Lessons I Have Learned During a Lifetime of Innovation in Orthopedic Surgery Bernard F. Morrey, M.D.
12:15 p.m.	Lunch
12:30 – 1:15 p.m.	Non-CME Product Theatre
Sports Med Elbow Cases Moderator: Christopher L. Camp, M.D. Panel: Mark E. Morrey, M.D., Kevin J. Renfree, M.D., Anthony A. Romeo, M.D.,	
1:15 p.m.	Case: UCL Injury in the 20-Year-Old Thrower: Repair vs. Reconstruction? Christopher L. Camp, M.D.: Panel and Attendee Discussion
1:30 p.m.	Case: Valgus Extension Overload in the Pitcher Anthony A. Romeo, M.D.: Panel and Attendee Discussion
1:45 p.m.	Case: 14 Year-Old Pitcher With Elbow Pain (OCD) Christopher L. Camp, M.D.: Panel and Attendee Discussion
2:00 p.m.	Case: Management of the Wrestlers Elbow: Traumatic Instability Around the Elbow Kevin J. Renfree, M.D.: Panel and Attendee Discussion
2:15 p.m.	Break
Shoulder and Elbow Injuries in the Athlete Moderator: Matthew M. Crowe, M.D. Panel: Mark E. Morrey, M.D., Anthony A. Romeo, M.D., Bradley S. Schoch, M.D.	
2:35 p.m.	Managing The Professional Athlete with Shoulder/Elbow Injury: Lessons Learned and Unique Considerations Moderator: John W. Sperling, M.D. Panel: Christopher L. Camp, M.D., Anthony A. Romeo, M.D., John M. Tokish, M.D.
2:55 p.m.	The Disabled Throwing Shoulder: What is the Pathology and How Do I Fix It? Anthony A. Romeo, M.D.
3:05 p.m.	Case Presentation-Anthony A. Romeo, M.D. Panel and Attendee Discussion
3:15 p.m.	AC Joint Injuries in the Athlete Bradley S. Schoch, M.D.
3:25 p.m.	Case Presentation-Bradley S. Schoch, M.D. Panel and Attendee Discussion
3:35 p.m.	Lateral Epicondylitis: From Biologics to Surgery Matthew M. Crowe, M.D.
3:45 p.m.	Case Presentation-Matthew M. Crowe, M.D. Panel and Attendee Discussion
3:55 p.m.	Lateral Ulnar Collateral Ligament Surgery; Tips for Diagnosis and Reconstruction Mark E. Morrey, M.D.
4:05 p.m.	Case Presentation-Mark E. Morrey, M.D. Panel and Attendee Discussion
4:15 p.m.	Performance Modifiers in the Thrower: What's Real and What's Hype? Chris L. Camp, M.D.
4:30 p.m.	Lessons in Leadership: Private Practice, Fellowships, Societies, and Health Care Systems Anthony A. Romeo, M.D.
4:50 p.m.	Discussion
5:00 p.m.	Adjourn
5:15 p.m.	Reception

Friday, January 26, 2024	
6:30 a.m.	Registration and Continental Breakfast
6:30 – 7:15 a.m.	Non-CME Product Theater:
7:25 a.m.	Welcome Back and Overview of the Day
Primary Anatomic Total Shoulder Arthroplasty Moderators: Anthony A. Romeo, M.D., Bradley S. Schoch, M.D.	
7:30 a.m.	Use of Technology to Execute Shoulder Arthroplasty in 2024 Thomas R. Duquin, M.D.
7:40 a.m.	How I Use Technology to Facilitate Shoulder Arthroplasty Joaquin Sanchez-Sotelo, M.D., Ph.D.
7:50 a.m.	Subscapularis Management – Current Options and My Preferred Technique Jay D. Keener, M.D.
8:00 a.m.	Glenoid Exposure-Lessons Learned and Steps for Success Anthony A. Romeo, M.D.
8:10 a.m.	Stemless Anatomic Shoulder Arthroplasty-Tips and Tricks John W. Sperling, M.D.
8:20 a.m.	Soft Tissue Balancing the TSA: How I Do It Thomas Duquin, M.D.
8:30 a.m.	Why I Do Anatomic Shoulder Arthroplasty in the 75-Year-Old and Not Reverse Jay D. Keener, M.D.
9:00 a.m.	Discussion Thomas R. Duquin, M.D., Jay D. Keener, M.D.; Joaquin Sanchez-Sotelo, M.D., Ph.D., John W. Sperling, M.D.
9:20 a.m.	Case Presentations Presenter: Steven J. Hatstrup, M.D. Panel: Mark E. Morrey M.D., Anthony A. Romeo, M.D., Joaquin Sanchez-Sotelo M.D., Ph.D.
9:40 a.m.	Break
Reverse Shoulder Arthroplasty Moderator: Jonathan D. Barlow, M.D., Steven J. Hatstrup, M.D.	
10:00 a.m.	Out-Patient Shoulder Arthroplasty: Keys to Implementing it in Your Practice Bradley S. Schoch, M.D.
10:10 a.m.	Current Indications for Reverse Arthroplasty Steven J. Hatstrup, M.D.
10:20 a.m.	The RSA Angle and Glenoid Preservation in Primary Reverse Arthroplasty Thomas R. Duquin, M.D.
10:30 a.m.	Discussion Thomas R. Duquin, M.D., Steven J. Hatstrup, M.D., Bradley S. Schoch, M.D.
10:50 a.m.	Reverse Arthroplasty for Osteoarthritis and an Intact Rotator Cuff: Indications and Outcomes Bradley S. Schoch, M.D.
11:00 a.m.	Management of Acromial and Scapular Stress Fractures Joaquin Sanchez-Sotelo, M.D., Ph.D.
11:10 a.m.	The Difficult Reverse Arthroplasty - Lessons That I Have Learned Anthony A. Romeo, M.D.
11:20 a.m.	Discussion Bradley S. Schoch, M.D., Joaquin Sanchez-Sotelo M.D., Ph.D., and Anthony A. Romeo, M.D.
11:40 a.m.	Case Presentations Presenter: John M. Tokish, M.D. Panel: Thomas R. Duquin, M.D., Jay D. Keener, M.D., Anthony A. Romeo, M.D., Joaquin Sanchez-Sotelo M.D., Ph.D.
12:15 p.m.	Lunch
12:30 – 1:15 p.m.	Non-CME Product Theater:

The Arthritic Elbow: When and How	
Moderators: Jay D. Keener, M.D., Mark E. Morrey, M.D.	
1:20 p.m.	When Do I Consider Arthroscopic Treatment of the Arthritic Elbow? How Do You Do It Safely? Shawn W. O'Driscoll, M.D., Ph.D.
1:30 p.m.	Nonarthroplasty Options for Post-traumatic Arthritis: When and How? Mark E. Morrey M.D.
1:40 p.m.	Case Discussion of Non-Arthroplasty Options for the Arthritic Elbow Presenter: Mark E. Morrey, M.D. Panel: Jonathan D. Barlow, M.D., Jay D. Keener, M.D., Bernard F. Morrey, M.D., Shawn W. O'Driscoll, M.D., Ph.D., Joaquin Sanchez-Sotelo, M.D., Ph.D.
1:50 p.m.	Primary Total Elbow Arthroplasty When and How: Tips for Getting It Right Jay D. Keener, M.D.
2:10 p.m.	Revision Elbow Arthroplasty: When Does It Have to Come Out? How Do I Do That? Joaquin Sanchez-Sotelo, M.D., Ph.D.
2:30 p.m.	Nerves to Infection: A Case-by-Case Discussion of How to Prevent and Treat Complications Presenters: Mark E. Morrey, M.D. Panel: Jonathan D. Barlow, M.D., Bernard F. Morrey, M.D., Shawn W. O'Driscoll, M.D., Ph.D., Joaquin Sanchez-Sotelo, M.D., Ph.D.
3:10 p.m.	Break
Complex and Revision Shoulder Arthroplasty	
Moderators: Joaquin Sanchez-Sotelo, M.D., Ph.D., John M. Tokish, M.D.	
3:20 p.m.	Shoulder Arthroplasty for the Sequelae of Trauma Jonathan D. Barlow, M.D.
3:30 p.m.	How to Remove Humeral and Glenoid Component with Minimal Bone Loss Bradley S. Schoch, M.D.
3:40 p.m.	Management of the Infected Shoulder Arthroplasty John M. Tokish, M.D.
3:50 p.m.	Discussion
4:10 p.m.	Management of Glenoid Bone Deficiency in Revision Arthroplasty Thomas R. Duquin, M.D.
4:20 p.m.	Management of Humeral Bone Deficiency in Revision Arthroplasty Joaquin Sanchez-Sotelo, M.D., Ph.D.
4:30 p.m.	How to Manage Instability After Reverse Arthroplasty Anthony A. Romeo, M.D.
4:40 p.m.	Discussion and Case Presentations Presenter: Jonathan D. Barlow, M.D. Panel: Thomas R. Duquin, M.D., Jay D. Keener, M.D., Anthony A. Romeo, M.D., Joaquin Sanchez-Sotelo M.D., Ph.D.
5:00 p.m.	Adjourn

Saturday, January 27, 2024

6:30 a.m.	Registration and Continental Breakfast
7:25 a.m.	Welcome Back and Overview of the Day
Elbow Trauma	
Moderators: Jay D. Keener, M.D., Jennifer Tangtiphaibontana, M.D.	
7:30 a.m.	Key Features of Elbow Anatomy for Elbow Exposures Mark E. Morrey, M.D.
7:40 a.m.	Case Presentation-Mak E. Morrey, M.D. Panel and Attendee Discussion
7:50 a.m.	ORIF vs TEA of Distal Humerus Fractures: Getting it Right Joaquin Sanchez-Sotelo, M.D., Ph.D.
8:00 a.m.	Case Presentation-Joaquin Sanchez-Sotelo, M.D., Ph.D. Panel and Attendee Discussion
8:10 a.m.	Transulnar Basal Coronoid Fractures Jonathan D. Barlow, M.D.
8:20 a.m.	Case Presentation- Jonathan D. Barlow, M.D. Panel and Attendee Discussion
8:30 a.m.	Transolecranon Fracture/Dislocations Jennifer Tangtiphaibontana, M.D.
8:40 a.m.	Case Presentation-Jennifer Tangtiphaibontana, M.D. Panel and Attendee Discussion
8:50 a.m.	Monteggia Fracture/Dislocations Jay D. Keener, M.D.
9:00 a.m.	Case Presentation-Jay D. Keener, M.D. Panel and Attendee Discussion
9:10 a.m.	Terrible Triad Fx/Dislocations Niloofar Dehghan, M.D.
9:20 a.m.	Case Presentation- Niloofar Dehghan, M.D. Panel and Attendee Discussion
9:30 a.m.	Case Presentations - Jennifer Tangtiphaibontana, M.D. Panel: Niloofar Dehghan, M.D., Jay D. Keener, M.D., Mark E. Morrey, M.D., Joaquin Sanchez-Sotelo, M.D., Ph.D.
9:50 a.m.	Break
Shoulder Trauma	
Moderators: Mark E. Morrey, M.D. and Jennifer Tangtiphaibontana, M.D.	
10:00 a.m.	Clavicle Fractures Michael McKee, M.D.
10:10 a.m.	Case Presentation-Michael McKee, M.D. Panel and Attendee Discussion
10:20 a.m.	Proximal Humerus Fracture - Optimizing Outcomes With ORIF Jonathan D. Barlow, M.D.
10:30 a.m.	Case Presentation- Jonathan D. Barlow, M.D. Panel and Attendee Discussion
10:40 a.m.	Reverse TSA for Fracture – Make it Work Jay D. Keener, M.D.
10:50 a.m.	Case Discussion-Jay D. Keener, M.D. Panel and Attendee Discussion
11:00 a.m.	Humeral Shaft Fractures in 2024 – What’s New? Jennifer Tangtiphaibontana, M.D.
11:10 a.m.	Case Presentation-Jennifer Tangtiphaibontana, M.D. Panel and Attendee Discussion
11:20 a.m.	Case Presentations Presenter: Jennifer Tangtiphaibontana, M.D. Panel: Jonathan D. Barlow, M.D., Thomas R. Duquin, M.D., Jay D. Keener, M.D., Michael D. McKee, M.D.
11:40 a.m.	Course Wrap Up and Closing Comments
11:45 a.m.	Course Adjourn

