

**Mayo Clinic Comprehensive Shoulder and Elbow Course:
Current Concepts and Controversies 2023**

February 2-4, 2023

Note: Times listed in Mountain Time

Thursday, February 2, 2023	
6:45 a.m.	Registration and Continental Breakfast
7:25 a.m.	Welcome and Course Overview
Shoulder Instability Moderator: John M. Tokish, M.D.	
7:30 a.m.	Case 1: The First Time Dislocator: Decision Making Peter B. MacDonald, M.D.
7:40 a.m.	Discussion
7:50 a.m.	Case 2: The Limits of the Arthroscopic Bankart: When and How to Perform Remplissage Matthew M. Crowe, M.D.
8:00 a.m.	Discussion
8:10 a.m.	Case 3: Latarjet in a Patient with Shoulder Instability Raffy N. Mirzayan, M.D.
8:20 a.m.	Discussion
8:30 a.m.	Case Presentations Moderator: John M. Tokish, M.D.
9:00 a.m.	Refreshment Break
Reconstructive Options for the Athlete Moderator: Joaquin Sanchez-Sotelo, M.D., Ph.D.	
9:10 a.m.	Case 1: Augmentation Options for Repairable Rotator Cuff Repair John M. Tokish, M.D.
9:20 a.m.	Discussion
9:30 a.m.	Case 2: The Irreparable Tear: Muscle Transfer Joaquin Sanchez-Sotelo, M.D., Ph.D.
9:40 a.m.	Discussion
9:50 a.m.	Case 3: The Irreparable Tear: Resurfacing Options for Quick Recovery Raffy N. Mirzayan, M.D.
10:00 a.m.	Discussion
10:10 a.m.	Case 4: Biologics in the Rotator Cuff Repair Bradley S. Schoch, M.D.
10:20 a.m.	Discussion
10:30 a.m.	Case 5: Approach to the Subscapularis Tear: Intra / Extraarticular Seth C. Gamradt, M.D.
10:40 a.m.	Discussion
10:50 a.m.	Case 6: The Painful Biceps Matthew M. Crowe, M.D.
11:00 a.m.	Discussion
11:10 a.m.	Case 7: OCD of the Elbow Christopher L. Camp, M.D.
11:20 a.m.	Discussion
11:30 a.m.	Cases and Technical Pearls Joaquin Sanchez-Sotelo, M.D., Ph.D.
12:15 p.m.	Lunch

Sports Med Cases

Moderator: Peter B. MacDonald M.D.

1:15 p.m.	Case 1: 18-Year-Old Female Swimmer with Shoulder Pain Bradley S. Schoch, M.D.
1:25 p.m.	Discussion
1:35 p.m.	Case 2: 25-Year-Old MMA Fighter with Elbow Dislocation Kevin J. Renfree, M.D.
1:45 p.m.	Discussion
1:55 p.m.	Case 3: 40-Year-Old Active Athlete with Degenerative Joint Disease Peter B. MacDonald, M.D.
2:05 p.m.	Discussion
2:15 p.m.	Refreshment Break

Shoulder and Elbow Injuries in the Athlete

Moderator: Emilie V. Cheung, M.D.

2:25 p.m.	Performance Enhancing Options for the Aging Athlete John M. Tokish, M.D.
2:35 p.m.	Discussion
2:45 p.m.	Case 4: Superior Labral Pathology in the Thrower: Fix it or Tenodese It? Christopher L. Camp, M.D.
2:55 p.m.	Discussion
3:05 p.m.	ASU Throwing Shoulder Analysis Matthew B. Anastasi, M.D. and John M. Tokish, M.D.
3:15 p.m.	Discussion
3:25 p.m.	Case 5: Rotator Cuff Injuries in the Thrower Matthew M. Crowe, M.D.
3:35 p.m.	Discussion
3:45 p.m.	Case 6: UCL Injury in the 20-Year-Old Thrower: Repair vs. Reconstruction? Christopher L. Camp, M.D.
3:55 p.m.	Discussion
4:05 p.m.	Case 7: Lateral Epicondylitis: From Biologics to Surgery Emilie V. Cheung, M.D.
4:15 p.m.	Discussion
4:25 p.m.	Case 8: 14-Year-Old Thrower with Medial Epicondyle Fracture Mark E. Morrey, M.D.
4:35 p.m.	Discussion
4:45 p.m.	Adjourn

Friday, February 3, 2023	
6:45 a.m.	Registration and Continental Breakfast
7:25 a.m.	Welcome Back and Overview of the Day
Primary Anatomic Total Shoulder Arthroplasty	
Moderators: Seth C. Gamradt, M.D., Bradley S. Schoch, M.D.	
7:30 a.m.	Pre-operative Planning in 2023 Seth C. Gamradt, M.D.
7:40 a.m.	Subscapularis Management – Peel vs Tenotomy vs LTO Emilie V. Cheung, M.D.
7:50 a.m.	Glenoid Exposure-Essential Steps Joaquin Sanchez-Sotelo, M.D., Ph.D.
8:10 a.m.	Short Stem Anatomic TSA-Lessons Learned and Steps for Success Seth C. Gamradt, M.D.
8:20 a.m.	Stemless Anatomic Shoulder Arthroplasty-Tips and Tricks John W. Sperling, M.D.
8:40 a.m.	Soft Tissue Balancing the TSA: How I Do It Steven J. Hattrup, M.D.
8:50 a.m.	Why I Do Anatomic Shoulder Arthroplasty in the 75-Year-Old and Not Reverse Emilie V. Cheung, M.D.
9:00 a.m.	Discussion Seth C. Gamradt, Steven J. Hattrup, M.D., Joaquin Sanchez-Sotelo, M.D., Ph.D., Emilie V. Cheung, M.D.; John W. Sperling, M.D.
9:20 a.m.	Case Presentations Presenter: Steven J. Hattrup, M.D. Panel: Mark E. Morrey M.D., Emilie V. Cheung, M.D.; Joaquin Sanchez-Sotelo M.D., Ph.D.
9:40 a.m.	Refreshment Break
Reverse Shoulder Arthroplasty	
Moderator: Jonathan D. Barlow, M.D., Steven J. Hattrup, M.D.	
9:50 a.m.	Out-Patient Shoulder Arthroplasty: Keys to Implementing it in Your Practice Bradley S. Schoch, M.D.
10:00 a.m.	Current Indications for Reverse Arthroplasty Steven J. Hattrup, M.D.
10:10 a.m.	The RSA Angle and Glenoid Preservation in Primary Reverse Arthroplasty John W. Sperling, M.D.
10:20 a.m.	Discussion Steven J. Hattrup, M.D., Seth C. Gamradt, M.D., John W. Sperling, M.D.
10:40 a.m.	Current Role of Tissue Transfers with Reverse Arthroplasty Mark E. Morrey, M.D.
10:50 a.m.	Reverse Arthroplasty for the Four-Part Fracture Jonathan D. Barlow, M.D.
11:00 a.m.	Reverse Arthroplasty for Osteoarthritis and an Intact Rotator Cuff: Indications and Outcomes Bradley S. Schoch, M.D.
11:10 a.m.	Discussion Mark E. Morrey, M.D., Jonathan D. Barlow, M.D., Bradley S. Schoch, M.D.
11:30 a.m.	Case Presentations Presenter: John M. Tokish, M.D. Panel: Emilie V. Cheung M.D., Jonathan D. Barlow, M.D., Steven J. Hattrup, M.D.
11:50 a.m.	Lessons Learned from Canadian Health Care System Peter B. MacDonald, M.D.
12:10 p.m.	Discussion
12:20 p.m.	Lunch

<p style="text-align: center;">The Arthritic Elbow</p> <p style="text-align: center;">Moderators: Emilie V. Cheung, M.D., Bernard F. Morrey, M.D.</p>	
1:20 p.m.	Non-Arthroplasty Options for the Arthritis Elbow Emilie V. Cheung, M.D.
1:30 p.m.	Primary Total Elbow Arthroplasty Joaquin Sanchez-Sotelo, M.D., Ph.D.
1:40 p.m.	Revision Elbow Arthroplasty Mark E. Morrey, M.D.
1:50 p.m.	Discussion
2:10 p.m.	What Have We Learned Over the Past 30 Years Doing Elbow Arthroplasty? Bernard F. Morrey, M.D.
2:30 p.m.	Discussion
2:40 p.m.	Case Presentations Presenter: Jonathan D. Barlow, M.D. Panel: Emilie V. Cheung, M.D., Mark E. Morrey, M.D., Bernard F. Morrey, M.D., Joaquin Sanchez-Sotelo, M.D., Ph.D.
3:10 p.m.	Refreshment 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 John W. Sperling, 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 Emilie V. Cheung, M.D.
4:40 p.m.	Discussion and Case Presentations Presenter: Jonathan D. Barlow, M.D. Panel: Joaquin Sanchez-Sotelo M.D., Ph.D., Emile V. Cheung, M.D., Bradley S. Schoch, M.D.
5:10 p.m.	Adjourn

Saturday, February 4, 2023	
6:45 a.m.	Registration and Continental Breakfast
7:25 a.m.	Welcome Back and Overview of the Day
Elbow Trauma	
Moderators: Michael D. McKee, M.D., Jonathan D. Barlow, M.D.	
7:30 a.m.	Key Features of Elbow Anatomy for Elbow Exposures Mark E. Morrey, M.D.
7:40 a.m.	Discussion
7:50 a.m.	Distal Humerus Fractures: Indications for Treatment (ORIF, TEA) Bernard F. Morrey, M.D.
8:00 a.m.	Discussion
8:10 a.m.	ORIF of Distal Humerus Fractures: Getting it Right Joaquin Sanchez-Sotelo, M.D., Ph.D.
8:20 a.m.	Discussion
8:30 a.m.	Proximal Transulnar Fracture Dislocations Jonathan D. Barlow, M.D.
8:40 a.m.	Discussion
8:50 a.m.	Radial Head Fractures: Fix or Replace Niloofar Dehghan, M.D.
9:00 a.m.	Discussion
9:10 a.m.	Complex Elbow Instability Michael D. McKee, M.D.
9:20 a.m.	Discussion
9:30 a.m.	Case Presentations Moderator: Jonathan D. Barlow, M.D. Panel: Mark E. Morrey, M.D.; Joaquin Sanchez-Sotelo, M.D., Ph.D., Niloofar Dehghan, M.D.; Michael D. McKee, M.D.
9:50 a.m.	Break
Shoulder Trauma	
Moderators: Peter B. MacDonald, M.D., Mark E. Morrey, M.D.	
10:00 a.m.	AC Joint Injuries: What Do We Know in 2023? Peter B. MacDonald, M.D.
10:10 a.m.	Discussion
10:20 a.m.	To Fix or Not to Fix: Clavicle Fractures Michael D. McKee, M.D.
10:30 a.m.	Discussion
10:40 a.m.	Proximal Humeral Fractures: Anatomy and Classifications Peter B. MacDonald, M.D.
10:50 a.m.	Discussion
11:00 a.m.	Proximal Humerus Fractures: Optimizing Outcomes with ORIF Jonathan D. Barlow, M.D.
11:10 a.m.	Discussion
11:20 a.m.	Case Presentations Moderator: Mark E. Morrey, M.D. Panel: Jonathan D. Barlow, M.D., Michael D. McKee, M.D., Peter B. MacDonald, M.D., Joaquin Sanchez-Sotelo, M.D., Ph.D.
11:40 a.m.	Course Wrap Up and Closing Comments
11:45 a.m.	Adjourn