



Mayo Clinic Comprehensive Shoulder and Elbow Course: Current Concepts and Controversies 2020

February 17-19, 2022

Thursday, February 17, 2022	
6:45 a.m.	Registration and Continental Breakfast
7:25 a.m.	Welcome and Course Overview
Shoulder Instability Moderators: Jeffrey R. Dugas, M.D. and John M. Tokish, M.D.	
7:30 a.m.	Shoulder Instability with Subcritical Bone Loss Kelechi R. Okoroha, M.D.
7:40 a.m.	Discussion
7:50 a.m.	The Failed Bankart: Options for Revision Joseph A. Abboud, M.D.
8:00 a.m.	Discussion
8:10 a.m.	Posterior Shoulder Instability Xavier A. Duralde, 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 Aging Athlete Moderators: Xavier A. Duralde, M.D. and Joaquin Sanchez-Sotelo, M.D., Ph.D.	
9:10 a.m.	Biologic Adjuncts to Rotator Cuff Tear: What Works? What is the Future? John M. Tokish, M.D.
9:20 a.m.	Discussion
9:30 a.m.	Massive Cuff Repair: The Role of SCR vs. Balloon Joseph A. Abboud, M.D.
9:40 a.m.	Discussion
9:50 a.m.	Tendon Transfers for the Massive Irreparable Rotator Cuff Tear Joaquin Sanchez-Sotelo, M.D., Ph.D.
10:00 a.m.	Discussion
10:10 a.m.	Advances in the Treatment of Frozen Shoulder April D. Armstrong, M.D.
10:20 a.m.	Discussion
10:30 a.m.	Treatment of the Degenerative Biceps: If, When, and How Xavier A. Duralde, M.D.
10:40 a.m.	Discussion
10:50 a.m.	Distal Biceps Ruptures: 1 v. 2 Incision; Chronic Options Bernard F. Morrey, M.D.
11:00 a.m.	Discussion
11:10 a.m.	Elbow Arthritis in the Active Young Patient: Is There Any Hope? Mark E. Morrey, M.D.
11:20 a.m.	Discussion
11:30 a.m.	Case Presentations Moderator: Joaquin Sanchez-Sotelo, M.D., Ph.D.
12:15 p.m.	Lunch

Sports Med Cases	
Moderators: April D. Armstrong, M.D. and Kelechi R. Okoroha, M.D.	
1:10 p.m.	19-Year-Old DB with Grade 5 AC Joint Separation Bradley S. Schoch, M.D.
1:20 p.m.	Discussion
1:30 p.m.	25-Year-Old MMA Fighter with Elbow Dislocation Jonathan D. Barlow, M.D.
1:40 p.m.	Discussion
1:50 p.m.	40-Year-Old Active Athlete with Degenerative Joint Disease Xavier A. Duralde, M.D.
2:00 p.m.	Discussion
2:10 p.m.	Refreshment Break
Shoulder and Elbow Injuries in the Athlete	
Moderators: Joseph A. Abboud, M.D. and Shawn W. O'Driscoll, M.D., Ph.D.	
2:25 p.m.	History of the Disabled Throwing Shoulder John M. Tokish, M.D.
2:35 p.m.	Discussion
2:45 p.m.	Superior Labral Pathology in the Thrower: Fix it or Tenodesis it? Jeffrey R. Dugas, M.D.
2:55 p.m.	Discussion
3:05 p.m.	Markerless Assessment of the Throwing Shoulder: Progress Toward Performance and Injury Prevention Matthew B. Anastasi, M.D.
3:15 p.m.	Discussion
3:25 p.m.	Rotator Cuff Injuries Specific to the Throwing Athlete Matthew M. Crowe, M.D.
3:35 p.m.	Discussion
3:45 p.m.	UCL Repair with Internal Brace: Where are we in 2022? Jeffrey R. Dugas, M.D.
3:55 p.m.	Discussion
4:05 p.m.	Lateral Collateral Ligament Injuries in the Athlete: Lessons from the Other Side Shawn W. O'Driscoll, M.D., Ph.D.
4:15 p.m.	Discussion
4:25 p.m.	Capitellar OCD in the Athlete: Best Options Scott P. Steinmann, M.D.
4:35 p.m.	Discussion
4:45 p.m.	Adjourn

Friday, February 18, 2022	
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: Xavier A. Duralde, M.D. and Robert H. Cofield, M.D.	
7:30 a.m.	Pre-operative Planning in 2022 Joseph A. Abboud, M.D.
7:40 a.m.	Subscapularis Management – Peel vs Tenotomy vs LTO April D. Armstrong, M.D.
7:50 a.m.	Stemless vs Short Stem vs Standard Stem Scott P. Steinmann, M.D.
8:00 a.m.	Discussion Joseph A. Abboud, M.D., April D. Armstrong, M.D., Scott P. Steinmann, M.D.
8:20 a.m.	Shoulder Arthroplasty in Young Adults Xavier A. Duralde, M.D.
8:30 a.m.	Glenoid Exposure-Essential Steps April D. Armstrong, M.D.
8:40 a.m.	Soft Tissue Balancing the TSA - How I Do It Steven J. Hattrup, M.D.
9:00 a.m.	Discussion Xavier A. Duralde, M.D., April D. Armstrong, M.D., Steven J. Hattrup, M.D.
9:20 a.m.	Case Presentations Presenter: Steven J. Hattrup, M.D. Panel: Joseph A. Abboud, M.D., April D. Armstrong, M.D., Robert H. Cofield, M.D., Xavier A. Duralde, M.D.
9:40 a.m.	Refreshment Break
Reverse Shoulder Arthroplasty Moderators: Steven J. Hattrup, M.D. and Joseph A. Abboud, M.D.	
9:50 a.m.	Current Indications for Reverse Arthroplasty Steven J. Hattrup, M.D.
10:00 a.m.	Biomechanics of Reverse Shoulder Arthroplasty Xavier A. Duralde, 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., Xavier A. Duralde, 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: Joseph A. Abboud, M.D., April D. Armstrong, M.D., Xavier A. Duralde, M.D., Scott P. Steinmann, M.D.
11:50 a.m.	Lessons Learned from Charles Neer Robert H. Cofield, M.D.
12:10 p.m.	Discussion
12:20 p.m.	Lunch

The Arthritic Elbow	
Moderators: Jeffrey R. Dugas, M.D. and Mark E. Morrey M.D.	
1:10 p.m.	Non-Arthroplasty Options for the Arthritis Elbow Shawn W. O'Driscoll, M.D., Ph.D.
1:20 p.m.	Primary Total Elbow Arthroplasty Joaquin Sanchez-Sotelo, M.D., Ph.D.
1:30 p.m.	Revision Elbow Arthroplasty Mark E. Morrey, M.D.
1:40 p.m.	Discussion
2:00 p.m.	What Have We Learned Over the Past 30 Years Doing Elbow Arthroplasty Bernard F. Morrey, M.D.
2:20 p.m.	Discussion
2:30 p.m.	Case Presentations Presenter: Scott P. Steinmann, M.D. Panel: Bernard F. Morrey, M.D., Mark E. Morrey, M.D., Shawn W. O'Driscoll, M.D., Ph.D., Joaquin Sanchez-Sotelo, M.D., Ph.D.
3:00 p.m.	Refreshment Break
Complex and Revision Shoulder Arthroplasty	
Moderators: Joaquin Sanchez-Sotelo, M.D., Ph.D. and April D. Armstrong, M.D.	
3:10 p.m.	Shoulder Arthroplasty for the Sequelae of Trauma Jonathan D. Barlow, M.D.
3:20 p.m.	How to Remove Humeral and Glenoid Component with Minimal Bone Loss Bradley S. Schoch, M.D.
3:30 p.m.	Management of the Infected Shoulder Arthroplasty John M. Tokish, M.D.
3:40 p.m.	Discussion
4:00 p.m.	Management of Glenoid Bone Deficiency in Revision Arthroplasty John W. Sperling, M.D.
4:10 p.m.	Management of Humeral Bone Deficiency in Revision Arthroplasty Joaquin Sanchez-Sotelo, M.D., Ph.D.
4:20 p.m.	Acromial and Scapular Fractures: To Fix or Not to Fix Joseph A. Abboud, M.D.
4:30 p.m.	Discussion and Case Presentations Presenter: Jonathan D. Barlow, M.D. Panel: Steven J. Hattrup, M.D., Bradley S. Schoch, M.D., John W. Sperling, M.D.
5:00 p.m.	Adjourn

Saturday, February 19, 2022	
6:45 a.m.	Registration and Continental Breakfast
7:25 a.m.	Welcome Back and Overview of the Day
Elbow Trauma Moderators: Jeffrey R. Dugas, M.D. and Scott P. Steinmann, 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.	Coronoid Insufficiency – How Do We Address? Shawn W. O'Driscoll, M.D., Ph.D.
8:00 a.m.	Discussion
8:10 a.m.	Essex-Lopresti Injuries Julie E. Adams, M.D.
8:20 a.m.	Discussion
8:30 a.m.	TEA vs. ORIF for Distal Humerus Fractures Niloofer Dehghan, M.D.
8:40 a.m.	Discussion
8:50 a.m.	Radial Head Fracture Joaquin Sanchez-Sotelo M.D., Ph.D.
9:00 a.m.	Discussion
9:10 a.m.	Olecranon Fractures Michael McKee, M.D.
9:20 a.m.	Discussion
9:30 a.m.	Case Presentations Moderator: Scott P. Steinmann, M.D. Panel: Julie E. Adams, M.D., Niloofer Dehghan, M.D., Mark E. Morrey, M.D., Shawn W. O'Driscoll, M.D., Ph.D., Joaquin Sanchez-Sotelo M.D., Ph.D.
9:50 a.m.	Break
Shoulder Trauma Moderators: April D. Armstrong, M.D. and Jonathan D. Barlow, M.D.	
10:00 a.m.	Top 10 Tips for Successful ORIF of Proximal Humeral Fractures Xavier A. Duralde, M.D.
10:10 a.m.	Discussion
10:20 a.m.	To Fix or Not to Fix: Clavicle Fractures Michael McKee, M.D.
10:30 a.m.	Discussion
10:40 a.m.	AC Joint Injuries Jonathan D. Barlow, M.D.
10:50 a.m.	Discussion
11:00 a.m.	Nerve Injury in Shoulder Surgery Joseph A. Abboud, M.D.
11:10 a.m.	Discussion
11:20 a.m.	Case Presentations Moderator: Steven J. Hattrup, M.D. Panel: Jonathan D. Barlow, M.D., Michael McKee, M.D., Joaquin Sanchez-Sotelo M.D., Ph.D.
11:40 a.m.	Course Wrap Up and Closing Comments
11:45 a.m.	Adjourn