

Mayo Clinic Course on Shoulder Tendon Transfers & Complex Rotator Cuff Repair

Thursday, April 25, 2019

6:00 a.m.	Registration and Continental Breakfast
6:50 a.m.	Welcome and Announcements
Session I: Cuff Tears - Evaluation	
7:00 a.m.	Essential Anatomy & Biomechanics of the Rotator Cuff
7:15 a.m.	Physical Examination Pearls
7:30 a.m.	MRI and CT Scan for Evaluation of Rotator Cuff Tear
7:45 a.m.	The Role of Ultrasound in Evaluating the Rotator Cuff
8:00 a.m.	Discussion
8:15 a.m.	Live Demonstration Physical Examination of the Rotator Cuff
Session II : Surgical Reconstruction Options of the Rotator Cuff Other Than Tendon Transfer	
8:45 a.m.	My Definition of Irreparable Rotator Cuff Tear
8:55 a.m.	Critical Shoulder Angle: Should We Always Address it in Managing RCT?
9:05 a.m.	Role of Suprascapular Nerve Release in Patients with Massive RCT
9:15 a.m.	Attempted Cuff Repair for Massive “Irreparable” Cuff Tears: Tips and Tricks to Fix the Unfixable
9:25 a.m.	Role of Tissue Augmentation in Massive Rotator Cuff Tear
9:35 a.m.	Superior Capsular Reconstruction: Indications, Technical Pearls and Outcomes
9:45 a.m.	Superior Capsular Reconstruction: Outcomes, What is the Evidence?
9:55 a.m.	Indications and Outcomes of Subacromial Balloon
10:05 a.m.	Discussion
10:35 a.m.	Relive Surgery I Suprascapular Nerve Decompression
10:45 a.m.	Relive Surgery II Superior Capsular Reconstruction
11:00 a.m.	Refreshment Break

Session III: Tendon Transfer Options for Complex Posterosuperior Cuff Tears I	
11:30 a.m.	Biomechanics of Tendon Transfer Around the Shoulder I
11:45 a.m.	Infraspinatus Tears at the Muscle-Tendon Junction
11:55 a.m.	Deltoid Flap Transfer: Indications and Outcome
12:05 p.m.	Teres Major Transfer: Indications and Outcome
12:15 p.m.	Discussion
12:40 p.m.	Relive Surgery III Teres Major Transfer Relive Surgery IV Deltoid Flap Transfer
1:00 p.m.	Lunch
Session IV: Additional Tendon Transfer Options for Complex Posterosuperior Cuff Tears II and Rotator Cuff Paralysis?	
2:00 p.m.	Arthroscopic Latissimus Dorsi Transfer: Technical Pearls
2:15 p.m.	Latissimus Dorsi Transfer for Posterosuperior Cuff Tears: Long-term Outcome
2:30 p.m.	Arthroscopic Lower Trapezius Transfer Augmented with Achilles Tendon
2:45 p.m.	Arthroscopic Lower Trapezius Transfer Augmented with Tibialis Posterior Autograft
3:00 p.m.	How do the Lower Trapezius and Latissimus Transfer Compare with SCR in Terms of Outcome?
3:15 p.m.	Is Tendon Transfer Feasible for Patients with Rotator Cuff Paralysis??
3:30 p.m.	Discussion
4:00 p.m.	Refreshment Break
4:30 p.m.	Relive Surgery V Open Latissimus Transfer Relive Surgery VI Arthroscopic Assisted Latissimus Transfer Relive Surgery VII All Arthroscopic Latissimus Dorsi Transfer Relive Surgery VIII Arthroscopically Assisted Lower Trapezius Transfer Relive Surgery IX Arthroscopically Assisted Lower Trapezius Transfer
5:30 p.m.	Adjourn

Friday, April 26, 2017

6:00 a.m.	Breakfast
Session V: Subscapularis I	
7:00 a.m.	How to Recognize Subscapularis Tears: Physical Examination, Imaging and Intraoperative Assessment
7:15 a.m.	Arthroscopic Subscapularis Repair: Types I to III
7:30 a.m.	Can We Repair an Apparent Irreparable Subscapularis Tear? Fixing the Bad Type IV
7:45 a.m.	Role of Soft Tissue Augmentation to Reconstruct the Subscapularis
8:00 a.m.	Pectoralis Major Transfer
8:15 a.m.	Pectoralis Minor Transfer
8:25 a.m.	Discussion
Session VI: Subscapularis II	
8:40 a.m.	Anatomy and Biomechanics of Latissimus Dorsi/Teres Major Transfer for Irreparable Subscapularis Tears
8:50 a.m.	My Preferred Reconstruction for Irreparable Subscapularis Tears
9:00 a.m.	Outcome of Latissimus Dorsi Transfer for Irreparable Subscapularis Tears
9:10 a.m.	All Arthroscopic Latissimus Dorsi Transfer for Irreparable Subscapularis Tears
9:20 a.m.	Additional Novel Tendon Transfers to Reconstruct Subscapularis Insufficiency
9:30 a.m.	Discussion
9:40 a.m.	Relive Surgery X Pectoralis Major Transfer Relive Surgery XI Arthroscopic Latissimus Dorsi Transfer for Subscapularis Insufficiency
10:00 a.m.	Refreshment Break
Session VII – Reverse Arthroplasty for the Irreparable Cuff Tear	
10:30 a.m.	Rotator Cuff Biomechanics when Reverse is Performed: A Biomechanical Analysis
10:40 a.m.	Tendon Transfers in the Setting of Reverse Arthroplasty: A Biomechanical Analysis
10:50 a.m.	How to Optimize Reverse Arthroplasty for the Irreparable Cuff Tear
11:00 a.m.	RSA and Lat Dorsi for CLEER: Principles and Outcome
11:10 a.m.	Latissimus Transfer in Reverse: Can We Spare the Teres Major?
11:20 a.m.	Should We Combine Latissimus Dorsi and Teres Major Transfer in Reverse?

11:30 a.m.	Lower Trapezius Transfer to Restore Shoulder External Rotation in RSA
11:40 a.m.	Tendon Transfers to Restore External Rotation in Revision Shoulder Arthroplasty
11:50 a.m.	Discussion
12:10 p.m.	Relive Surgery XII Reverse Arthroplasty Combined with Isolated Latissimus Dorsi Transfer Relive Surgery XIII Reverse Arthroplasty Combined with Latissimus Dorsi Transfer
12:30 p.m.	Lunch
Session VIII: Scapulothoracic Joint	
1:30 p.m.	Physical Examination of the Scapulothoracic Articulation
1:45 p.m.	Pectoralis Major Transfer for Serratus Anterior Insufficiency
2:00 p.m.	Trapezius Paralysis: Eden-Lange, What is the Outcome?
2:15 p.m.	Trapezius Paralysis: Triple Transfer (T3)
2:30 p.m.	Scapulothoracic Arthrodesis
2:45 p.m.	Discussion
3:00 p.m.	Relive Surgery XIV Pectoralis Major Direct Transfer Relive Surgery XV Triple Transfer Relive Surgery XVI Scapulothoracic Fusion
4:00 p.m.	Refreshment Break
Session IX: Additional Complex Reconstructions	
4:30 p.m.	Tendon Transfers for Combined Irreparable Anterosuperior and Posterosuperior Rotator Cuff Tears
4:40 p.m.	Muscle Transfer for Deltoid Paralysis
4:50 p.m.	Muscle Transfer for Deltoid Paralysis in Reverse Arthroplasty
5:00 p.m.	Pectoralis Minor Release
5:10 p.m.	Arthroscopic Brachial Plexus Neurolysis
5:20 p.m.	Role of Glenohumeral Joint Fusion
5:30 p.m.	Scapulopexy: Indications, Technique and Outcome
5:40 p.m.	Discussion and Final Comments
6:00 p.m.	Course Adjourns