

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

Thursday, April 25, 2019	
6:00 a.m.	Registration and Continental Breakfast
6:50 a.m.	Welcome and Announcements Bassem T. Elhassan, M.D. and Joaquin Sanchez-Sotelo, M.D., Ph.D.
Session I: Cuff Tears - Evaluation Moderator: Joaquin Sanchez-Sotelo, M.D., Ph.D.	
7:00 a.m.	Essential Anatomy & Biomechanics of the Rotator Cuff George Athwal, M.D., F.R.C.S.C.
7:15 a.m.	Physical Examination Pearls Joaquin Sanchez-Sotelo, M.D., Ph.D.
7:30 a.m.	MRI and CT Scan for Evaluation of Rotator Cuff Tear Naveen S. Murthy, M.D.
7:45 a.m.	The Role of Ultrasound in Evaluating the Rotator Cuff Jay Smith, M.D.
8:00 a.m.	Discussion
8:15 a.m.	Live Demonstration Physical Examination of the Rotator Cuff Dr. med. Karl Wieser
Session II : Surgical Reconstruction Options of the Rotator Cuff Other Than Tendon Transfer Moderator: Bassem T. Elhassan, M.D.	
8:45 a.m.	What is Irreparable Rotator Cuff Tear? Eric R. Wagner, M.D.
8:55 a.m.	Critical Shoulder Angle: Should We Always Address it in Managing RCT? Dr. med. Karl Wieser
9:05 a.m.	Role of Suprascapular Nerve Release in Patients with Massive RCT Jon J.P. Warner, M.D.
9:15 a.m.	Attempted Cuff Repair for Massive “Irreparable” Cuff Tears: Tips and Tricks to Fix the Unfixable Dr. Laurent Lafosse

9:25 a.m.	Role of Tissue Augmentation in Massive Rotator Cuff Tear Felix “Buddy” Savoie, III, M.D.
9:35 a.m.	Why I Stopped Doing Superior Capsular Reconstruction Mark E. Morrey, M.D. Why I Do Superior Capsular Reconstruction Robert U. Hartzler, M.D., M.S.
9:45 a.m.	Superior Capsular Reconstruction: Outcomes, What is the Evidence? Eric R. Wagner, M.D.
9:55 a.m.	Indications and Outcomes of Subacromial Balloon Joseph A. Abboud, M.D.
10:05 a.m.	Discussion
10:35 a.m.	Relive Surgery I Suprascapular Nerve Decompression Dr. Thibault Lafosse
10:45 a.m.	Relive Surgery II Superior Capsular Reconstruction Robert U. Hartzler, M.D., M.S.
11:00 a.m.	Refreshment Break

Session III: Tendon Transfer Options for Complex Posterosuperior Cuff Tears I Moderator: Jon J. P. Warner, M.D.	
11:30 a.m.	Biomechanics of Tendon Transfer Around the Shoulder I Dr. Guillaume Herzberg
11:45 a.m.	Infraspinatus Tears at the Muscle-Tendon Junction Mark E. Morrey, M.D.
11:55 a.m.	Deltoid Flap Transfer: Indications and Outcome Dr. Jean-David Werthel
12:05 p.m.	Teres Major Transfer: Indications and Outcome Dr. Thibault Lafosse
12:15 p.m.	Discussion
12:40 p.m.	Relive Surgery III Teres Major Transfer Bassem T. Elhassan, M.D. Relive Surgery IV Deltoid Flap Transfer Bassem T. Elhassan, M.D.
1:00 p.m.	Lunch
Session IV: Additional Tendon Transfer Options for Complex Posterosuperior Cuff Tears II and Rotator Cuff Paralysis? Moderator: Prof. Dr. Herbert Resch	
2:00 p.m.	Arthroscopic Latissimus Dorsi Transfer: Technical Pearls Dr. Jean Kany
2:15 p.m.	Latissimus Dorsi Transfer for Posterosuperior Cuff Tears: Long-term Outcome Dr. med. Karl Wieser
2:30 p.m.	Arthroscopic Lower Trapezius Transfer Augmented with Achilles Tendon Joaquin Sanchez-Sotelo, M.D., Ph.D.
2:45 p.m.	Arthroscopic Lower Trapezius Transfer Augmented with Tibialis Posterior Autograft Dr. Philippe Valenti
3:00 p.m.	How do the Lower Trapezius and Latissimus Transfer Compare with SCR in Terms of Outcome? Eric R. Wagner, M.D., M.S.
3:15 p.m.	Is Tendon Transfer Feasible for Patients with Rotator Cuff Paralysis?? Bassem T. Elhassan, M.D.

3:30 p.m.	Discussion
4:00 p.m.	Refreshment Break
4:30 p.m.	<p>Relive Surgery V Open Latissimus Transfer Jon J. P. Warner, M.D.</p> <p>Relive Surgery VI Arthroscopic Assisted Latissimus Transfer Dr. med. Karl Wieser</p> <p>Relive Surgery VII All Arthroscopic Latissimus Dorsi Transfer Dr. Laurent Lafosse</p> <p>Relive Surgery VIII Arthroscopically Assisted Lower Trapezius Transfer George Athwal, M.D., F.R.C.S.C.</p> <p>Relive Surgery IX Arthroscopically Assisted Lower Trapezius Transfer Dr. Philippe Valenti</p>
5:30 p.m.	Adjourn

Friday, April 26, 2017

Friday, April 26, 2017	
6:00 a.m.	Breakfast
Session V: Subscapularis I Moderator: Joseph A. Abboud, M.D.	
7:00 a.m.	How to Recognize Subscapularis Tears: Physical Examination, Imaging and Intraoperative Assessment Jon J. P. Warner, M.D.
7:15 a.m.	Arthroscopic Subscapularis Repair: Types I to III George Athwal, M.D., F.R.C.S.C.
7:30 a.m.	Can We Repair an Apparent Irreparable Subscapularis Tear? Fixing the Bad Type IV Dr. Laurent Lafosse
7:45 a.m.	Role of Soft Tissue Augmentation to Reconstruct the Subscapularis Samer Hasan, M.D., Ph.D.

8:00 a.m.	Pectoralis Major Transfer Prof. Dr. Herbert Resch
8:15 a.m.	Pectoralis Minor Transfer Dr. Philippe Valenti
8:25 a.m.	Discussion
Session VI: Subscapularis II Moderator: Mark E. Morrey, M.D.	
8:40 a.m.	Anatomy and Biomechanics of Latissimus Dorsi/Teres Major Transfer for Irreparable Subscapularis Tears Dr. Jean-David Werthel
8:50 a.m.	My Preferred Reconstruction for Irreparable Subscapularis Tears Dr. Pascal Boileau
9:00 a.m.	Outcome of Latissimus Dorsi Transfer for Irreparable Subscapularis Tears Bassem T. Elhassan, M.D.
9:10 a.m.	All Arthroscopic Latissimus Dorsi Transfer for Irreparable Subscapularis Tears Dr. Jean Kany
9:20 a.m.	Additional Novel Tendon Transfers to Reconstruct Subscapularis Insufficiency Dr. Thibault Lafosse
9:30 a.m.	Discussion
9:40 a.m.	Relive Surgery X Pectoralis Major Transfer Prof. Dr. Herbert Resch Relive Surgery XI Arthroscopic Latissimus Dorsi Transfer for Subscapularis Insufficiency Dr. Jean Kany
10:00 a.m.	Refreshment Break
Session VII – Reverse Arthroplasty for the Irreparable Cuff Tear Moderator: Joaquin Sanchez-Sotelo, M.D., Ph.D.	
10:30 a.m.	Rotator Cuff Biomechanics when Reverse is Performed: A Biomechanical Analysis Dr. Marion Burnier
10:40 a.m.	Tendon Transfers in the Setting of Reverse Arthroplasty: A Biomechanical Analysis Dr. Jean-David Werthel
10:50 a.m.	How to Optimize Reverse Arthroplasty for the Irreparable Cuff Tear Eric R. Wagner, M.D.

11:00 a.m.	RSA and Lat Dorsi for CLEER: Principles and Outcome Dr. Pascal Boileau
11:10 a.m.	Latissimus Transfer in Reverse: Can We Spare the Teres Major? Prof. Dr. Herbert Resch
11:20 a.m.	Should We Combine Latissimus Dorsi and Teres Major Transfer in Reverse? Dr. Guillaume Herzberg
11:30 a.m.	Lower Trapezius Transfer to Restore Shoulder External Rotation in RSA Bassem T. Elhassan, M.D.
11:40 a.m.	Tendon Transfers to Restore External Rotation in Revision Shoulder Arthroplasty Joaquin Sanchez-Sotelo, M.D., Ph.D.
11:50 a.m.	Discussion
12:10 p.m.	Relive Surgery XII Reverse Arthroplasty Combined with Latissimus Dorsi Transfer: The Pec Major Sparing Approach Dr. Pascal Boileau Relive Surgery XIII Reverse Arthroplasty Combined with Latissimus Dorsi Transfer Prof. Dr. Herbert Resch
12:30 p.m.	Lunch
Session VIII: Scapulothoracic Joint Moderator: George Athwal, M.D., F.R.C.S.C.	
1:30 p.m.	Physical Examination of the Scapulothoracic Articulation Joaquin Sanchez-Sotelo, M.D., Ph.D.
1:45 p.m.	Pectoralis Major Transfer for Serratus Anterior Insufficiency Prof. Dr. Herbert Resch
2:00 p.m.	Trapezius Paralysis: Eden-Lange, What is the Outcome? Jon J. P. Warner, M.D.
2:15 p.m.	Trapezius Paralysis: Triple Transfer (T3) Bassem T. Elhassan, M.D.
2:30 p.m.	Scapulothoracic Arthrodesis Joaquin Sanchez-Sotelo, M.D., Ph.D.
2:45 p.m.	Discussion
3:00 p.m.	Relive Surgery XIV

	<p>Pectoralis Major Direct Transfer Jon J. P. Warner, M.D.</p> <p>Relive Surgery XV Triple Transfer Bassem T. Elhassan, M.D.</p> <p>Relive Surgery XVI Scapulothoracic Fusion George Athwal, M.D., F.R.C.S.C.</p>
4:00 p.m.	Refreshment Break
<p>Session IX: Additional Complex Reconstructions Moderator: Dr. Philippe Valenti</p>	
4:30 p.m.	<p>Tendon Transfers for Combined Irreparable Anterosuperior and Posterosuperior Rotator Cuff Tears Bassem T. Elhassan, M.D.</p>
4:40 p.m.	<p>Muscle Transfer for Deltoid Paralysis Prof. Dr. Herbert Resch</p>
4:50 p.m.	<p>Muscle Transfer for Deltoid Paralysis in Reverse Arthroplasty Bassem T. Elhassan, M.D.</p>
5:00 p.m.	<p>Pectoralis Minor Release Joaquin Sanchez-Sotelo, M.D., Ph.D.</p>
5:10 p.m.	<p>Arthroscopic Brachial Plexus Neurolysis Dr. Thibault Lafosse</p>
5:25 p.m.	<p>Role of Glenohumeral Joint Fusion Joaquin Sanchez-Sotelo, M.D., Ph.D.</p>
5:35 p.m.	<p>Scapulopexy: Indications, Technique and Outcome Bassem T. Elhassan, M.D.</p>
5:45 p.m.	Discussion and Final Comments
6:00 p.m.	Course Adjourns
7:30 – 11:00 p.m.	<p>Gala Reception Nathan Landow Atrium Gonda Building, Subway</p>