

**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. 10:45 a.m.	Relive Surgery I Suprascapular Nerve Decompression Dr. Thibault Lafosse 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.	Clinical Biomechanics of Tendon Transfer for Irreparable Postero-Superior Rotator Cuff Tears 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.	Relive Surgery V Open Latissimus Transfer Jon J. P. Warner, M.D. Relive Surgery VI Arthroscopic Assisted Latissimus Transfer Dr. med. Karl Wieser Relive Surgery VII All Arthroscopic Latissimus Dorsi Transfer Dr. Laurent Lafosse Relive Surgery VIII Arthroscopically Assisted Lower Trapezius Transfer George Athwal, M.D., F.R.C.S.C. Relive Surgery IX Arthroscopically Assisted Lower Trapezius Transfer Dr. Philippe Valenti
5:30 p.m.	Adjourn

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 Pectoralis Major Direct Transfer Jon J. P. Warner, M.D.

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