

**AAOS/ASES**  
**Anatomic and Reverse Total Shoulder**  
**Arthroplasty: State-of-the-Art**

**FINAL PROGRAM**

**15.75**  
**CME**  
**Credits**



**AAOS**  
AMERICAN ACADEMY OF  
ORTHOPAEDIC SURGEONS

**November 4 – 5, 2016**

**OLC Education & Conference Center • Rosemont, IL**

Joseph A. Abboud, MD, and J. Michael Wiater, MD

**Course Directors**

**AAOS/ASES Anatomic and Reverse Total Shoulder Arthroplasty:  
State-of-the-Art**

November 4-5, 2016; OLC Education and Conference Center; Rosemont, IL

The AAOS and American Shoulder and Elbow Surgeons (ASES) extends sincere appreciation to the following companies for an educational grant in support of this program.

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*Silver Level*

DePuy Synthes  
Zimmer Biomet

AAOS/ASES Anatomic Total Shoulder and Reverse Total Shoulder Arthroplasty #3270  
November 4-5, 2016; OLC Education & Conference Center, Rosemont, IL  
Joseph A. Abboud, MD and J. Michael Wiater, MD; Course Directors

CMEs: 15.75  
As of October 18, 2016  
Content and faculty subject to change

## SCHEDULE

### FRIDAY, NOVEMBER 4

**BREAKFAST IS NOT AVAILABLE AT THIS COURSE.**  
**FOR THOSE STAYING AT THE HAMPTON INN & SUITES, BREAKFAST IS AVAILABLE AT THE HOTEL**  
**BEGINNING AT 6 AM**

7:00 am            Registration

7:30                Welcome and Course Introduction (**Auditorium BC**)  
*Joseph A. Abboud, MD and J. Michael Wiater, MD*

### **ANATOMIC TOTAL SHOULDER ARTHROPLASTY**

**Moderator:** *Joseph Abboud, MD*

#### **LECTURES**

7:40                Modern Indications For Anatomic TSA – When to Do It  
*Lynn A. Crosby, MD*

7:55                10 Steps to Successful TSA Exposure: Know the Anatomy!  
*J. Michael Wiater, MD*

8:10                Managing the Subscapularis: Peel vs. Tenotomy vs. Osteotomy  
*George S. Athwal, MD*

8:25                Anesthetic Considerations and Perioperative Pain Management  
*Edward V Craig, MD*

8:40                **FACULTY SURGICAL DEMONSTRATION**  
Surgical exposure and approach for shoulder arthroplasty  
SSC Peel vs Tenotomy vs Osteotomy  
Humeral Resurfacing  
Moderator: *Gregory P, Nicholson, MD*  
Demonstrator: *Lynn A. Crosby, MD*

9:15                Refreshment Break (15 minutes)

9:30	<p><b>HANDS-ON SURGICAL SKILLS LAB</b>  Surgical Exposure  Deltopectoral Approach  SSC Peel vs Tenotomy vs Osteotomy  Humeral Prep  Resurfacing  Lab Leaders: <i>Joseph A. Abboud, MD and J. Michael Wiater, MD</i>  Lab Instructors: <i>Drs. Armstrong, Athwal, Blaine, Collins, Craig, Crosby, Garbis, Glasgow, Izquierdo, Keener, Knesek, Lazarus, Murthi, Nolan, Nicholson, Parsons, Ricchetti, Sabesan, Salazar, Saltzman, Sanches-Sotelo, Tashjian, B. Wiater</i></p>
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**Moderator:** *Elizabeth (Betsy) Nolan, MD*

**LECTURES**

10:45            Current Trends In Shoulder Arthroplasty: PSI, Stem Options, Augmented Glenoids  
*April D. Armstrong, MD*

11:00            Diagnosis and Management of the Infected Shoulder Arthroplasty  
*Eric T. Ricchetti, MD*

11:15            Postoperative Rehabilitation and Activity after Anatomic TSA  
*Brett P. Wiater, MD*

11:30            **LUNCH**

**Rapid Fire Panel Discussion**

Moderator: *Bradford Parsons, MD*

Panel: *Drs. Collins, Keener, Nicholson and Saltzman*

- No powerpoints
- Questions from the audience
- Anything goes – pimp the experts
- Everything you always wanted to know about shoulder arthroplasty but were afraid to ask

12:15 pm        **SYMPOSIUM**

**Rotator Cuff Deficiency**

Moderator: *J. Michael Wiater, MD*

- Hemi is Tried and True  
*Theodore A. Blaine, MD*
- Reverse TSA Has Changed Everything  
*Robert Z. Tashjian, MD*
- Superior Capsular Reconstruction Actually Works (We Hope)  
*Dane H. Salazar, MD*
- There Is Still a Role for Tendon Transfers  
*Joaquin Sanchez-Sotelo, MD*

12:45

## **SYMPOSIUM**

### **Managing The Difficult Glenoid**

Moderator: *Anand M. Murthi, MD*

- B2 Glenoid: Ream vs Bone Graft vs Augmented Glenoid vs RTSA  
*Mark D. Lazarus, MD*
- Medial Wear: Anatomic vs Reverse vs Bail-out Hemi  
*Rolando Izquierdo, MD*
- Revision: Is There A Role For Anatomic TSA?  
*George S. Athwal, MD*
- Illustrative case presentations  
*Anand M. Murthi, MD*

1:45

## **CASE DEBATES**

Moderator: *Joaquin Sanchez-Sotelo, MD*

Panel: *Drs. Abboud and Craig*

### **46 year old with GH OA**

- Hemi vs TSA

### **83 year old with GH OA and atrophic but intact cuff**

- Anatomic TSA vs Reverse TSA

2:15

Refreshment Break (15 minutes)

2:30

## **FACULTY SURGICAL DEMONSTRATION**

Primary Anatomic TSA

- Humeral Neck Osteotomy
- Glenoid Exposure
- Glenoid Instrumentation
- Implant Anatomic Glenoid Component
- Soft Tissue Balancing

Moderator: *David N. Collins, MD*

Demonstrator: *Matthew Saltzman, MD*

3:00

## **HANDS-ON SURGICAL SKILLS LAB**

Primary Anatomic TSA

Lab Leader: *Joseph A. Abboud, MD and J. Michael Wiater, MD*

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Lab Instructors: *Drs. Armstrong, Athwal, Blaine, Collins, Craig, Crosby, Garbis, Glasgow, Izquierdo, Keener, Knesek, Lazarus, Murthi, Nolan, Nicholson, Parsons, Ricchetti, Sabesan, Salazar, Saltzman, Sanches-Sotelo, Tashjian, B. Wiater*

4:30

Course Adjourns

4:30-5:30

Exciting New Technologies in Shoulder Reconstruction to Tackle Tough B2 Glenoids and Spare the Humeral Canal \*

*George S. Athwal, MD*

\* These Industry Spotlight Sessions are Non-CME

## SATURDAY, NOVEMBER 5

**BREAKFAST IS NOT AVAILABLE AT THIS COURSE.**

**FOR THOSE STAYING AT THE HAMPTON INN & SUITES, BREAKFAST IS AVAILABLE AT THE HOTEL BEGINNING AT 6 AM**

7:00-8:00 am      Introducing The Vault Reconstruction System (VRS)  
The First Patient-Matched Glenoid Implant Solution for Reverse Shoulder  
Arthroplasty \*  
*Edward V. Craig, MD*

8:00 am            Announcements  
*Joseph A. Abboud, MD and J. Michael Wiater, MD*

### **REVERSE TSA**

**Moderator:** *J. Michael Wiater, MD*

#### **LECTURES**

8:05                Modern Indications For Reverse TSA – When To Do It  
*Theodore A. Blaine, MD*

8:20                Reverse TSA Biomechanics – How Does It Work?  
*David N. Collins, MD*

8:35                Technical Pearls for Reverse TSA – Not Too Tight and Not Too Loose  
*Jay D. Keener, MD*

8:50                **1 ON 1 DEBATE**  
**Center of Rotation Offset**  
Moderator: *Mark D. Lazarus, MD*

- Lateral COR  
*Joseph A. Abboud, MD*
- Medial COR  
*Robert Z. Tashjian, MD*

9:15                **CASE DEBATES**  
**Moderator:** *Matthew Saltzman, MD*  
Panel: *Drs. Ricchetti and Salazar*

- Chronically Dislocated Native Shoulder in 68 YO.... Reverse? How and Pearls and Pitfalls
- Management of Catastrophic Axillary Artery Injury During Shoulder Surgery

9:45                Refreshment Break (15 minutes)

10:00              **FACULTY SURGICAL DEMONSTRATION**  
Primary Reverse TSA  
Moderator: *Joseph A. Abboud, MD*  
Demonstrator: *Joaquin Sanchez-Sotelo, MD*

\* These Industry Spotlight Sessions are Non-CME

10:30

**HANDS-ON SURGICAL SKILLS LAB**

Primary Reverse TSA

Lab Leader: *Joseph A. Abboud, MD and J. Michael Wiater, MD*

Lab Instructors: *Drs. Armstrong, Athwal, Blaine, Collins, Craig, Crosby, Garbis, Glasgow, Izquierdo, Keener, Knesek, Lazarus, Murthi, Nolan, Nicholson, Parsons, Ricchetti, Sabesan, Salazar, Saltzman, Sanches-Sotelo, Tashjian, B. Wiater*

12:00 pm

**LUNCH/PANEL DISCUSSION**

Moderator: *April D. Armstrong, MD*

Panel: *Drs. Crosby, Nolan, Tashjian, B. Wiater*

Complications of Reverse TSA – How to Avoid and How to Manage

- How to Manage the Patient With Severe ER Deficit
  - Latissimus Transfer
  - Center of Rotation Offset
  - Humeral Version
  - Repair or Not Repair the Subscapularis

1:00-1:30

**FACULTY SURGICAL DEMONSTRATION**

Latissimus Transfer

Moderator: *Edward V. Craig, MD*

Demonstrator: *George S. Athwal, MD*

**LECTURES**

Moderator: *Jay D. Keener, MD*

1:30

Reverse TSA for Failed Shoulder Arthroplasty

*Gregory P. Nicholson, MD*

1:45

Postoperative Rehabilitation and Activity After Reverse TSA

*Anand M. Murthi, MD*

2:00

Reverse for Acute Fracture

- Tuberosity Reconstruction

*Bradford O. Parsons, MD*

2:15

**FACULTY SURGICAL DEMONSTRATION**

Reverse TSA for Fracture

Moderator: *Rolando*

*Izquierdo, MD*

Demonstrator: *Brett P.*

*Wiater, MD*

2:45

**HANDS-ON SURGICAL SKILLS LAB**

Reverse TSA for Fracture

Tuberosity Reconstruction

Lab Leader: Joseph A. Abboud, MD and J. Michael Wiater, MD

Lab Instructors: *Drs. Armstrong, Athwal, Blaine, Collins, Craig, Crosby, Garbis, Glasgow, Izquierdo, Keener, Knesek, Lazarus, Murthi, Nolan, Nicholson, Parsons, Ricchetti, Sabesan, Salazar, Saltzman, Sanches-Sotelo, Tashjian, B. Wiater*

3:30

Course Adjourns



## **COURSE DIRECTORS**



**Joseph A. Abboud, MD**  
Rothman Institute  
Philadelphia, PA



**J. Michael Wiater, MD**  
Beaumont Health  
Royal Oak, MI

## **FACULTY**



**April D. Armstrong, MD**  
Penn State Hershey Medical Center  
Bone & Joint Institute  
Hershey, PA



**Edward V. Craig, MD**  
TRIA Orthopaedic Center  
Bloomington, MN



**George S. Athwal, MD**  
St Joseph's Hand and Upper Limb Centre  
London ON Canada



**Lynn A. Crosby, MD**  
Medical College of Georgia  
Augusta, GA



**Theodore A. Blaine, MD**  
Yale Orthopaedics  
New Haven, CT



**Nickolas G. Garbis, MD**  
Loyola University Medical Center  
Maywood, IL



**David N. Collins, MD**  
Arkansas Specialty Orthopaedics  
Little Rock, AR



**Michele T. Glasgow, MD**  
Midwest Orthopaedic Institute  
Sycamore, IL



**Rolando Izquierdo, MD**  
Crystal Lake Orthopedics  
Lakewood, IL



**Elizabeth (Betsy) Nolan, MD**  
Oklahoma Shoulder Center PLLC  
Oklahoma City, OK



**Jay D. Keener, MD**  
Washington University  
Saint Louis, MO



**Bradford O. Parsons, MD**  
Mount Sinai Hospital  
New York, NY



**Michael Knesek, MD**  
Bone and Joint Specialists  
Merrillville/Munster/Valparaiso IN



**Eric T. Ricchetti, MD**  
Cleveland Clinic  
Cleveland, OH



**Mark D. Lazarus, MD**  
The Rothman Institute at Jefferson  
Philadelphia, PA



**Vani J. Sabesan, MD**  
Beaumont Health  
Kalamazoo, MI



**Anand M. Murthi, MD**  
Union Memorial Hospital  
Baltimore, MD



**Dane H Salazar, MD**  
Saint Louis University Hospital  
Saint Louis, MO



**Gregory P. Nicholson, MD**  
Midwest Orthopedics At Rush  
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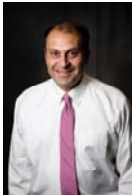
**Matthew Saltzman, MD**  
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Chicago, IL



**Joaquin Sanchez-Sotelo, MD**  
Mayo Clinic  
Rochester, MN



**Brett P. Wiater, MD**  
Beaumont Health  
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