AAOS/ASES Reverse Total Shoulder and Latarjet/Open Instability Procedures

Improve your decision-making abilities and hone your hands-on skills

April 7 – 8, 2017
OLC Education & Conference Center, Rosemont, IL

Jay D. Keener, MD, and Robert Z. Tashjian, MD
Course Directors
The complexity of reverse shoulder arthroplasty has increased as implant options and indications have expanded. Understanding how and when to use a reverse shoulder arthroplasty in simple and complex cases can be challenging. The latarjet procedure has gained wider acceptance as a preferred stabilization surgery; however, complications exist and technical pearls to optimize outcomes and minimize complications are important.

This comprehensive, hands-on skills course provides answers to these questions through a dynamic mix of hands-on practice in the cadaver lab, faculty surgical demonstrations, informative lectures, panel discussions, case debates, and one-on-one time with nationally and internationally-recognized faculty.

**Course highlights include:**

- The indications and potential benefits of Latarjet vs. open soft tissue stabilization procedures
- Technical pearls for getting the Latarjet “just right”
- The role of tendon transfers with reverse shoulder arthroplasty
- The expanding indications for reverse shoulder arthroplasty including revision surgeries with technical surgical pearls
- Point-counterpoint presentations and debates including:
  - Open Bankart with Capsular Shift vs. Latarjet
  - Medial vs. lateral glenosphere offset reverse system

**Who should take this course?**

Orthopaedic surgeons who specialize in sports medicine or shoulder and elbow, as well as general orthopaedic surgeons with an interest in shoulder reconstruction.
Friday, April 7

Morning 7:30 am – 12:10 pm

Reverse Shoulder Arthroplasty (RSA)

**Case-Based Lectures**
- Varying Neck Shaft Angles, Glenosphere Sizes, Positioning
- Biomechanical Considerations in Reverse Shoulder Arthroplasty Design
- Lateralized Systems/Pros and Cons
- Medialized Systems/Pros and Cons
- Case Illustrations – Indications and Contraindications for RSA
  - Evaluating the Right Patient: History, Physical, Imaging?
  - CTA
  - Massive Irreparable Cuff Tear Without Arthritis
  - Failed Arthroplasty
  - Who Should Not Get a RSA?
- Role of Computer-Aided Software Assessment/PSI
  - When to Obtain a CT Scan?
  - The Potential Value of Enhanced Software Analysis of Bone Deformity
  - Is Planning Enough/When Do You Order a PSI Guide?
- How to Do an RSA? Pearls and Pitfalls
  - How Much Glenoid Do You Need?
  - What Version?
  - How Much Head Cut?
  - How Tight is Tight?

**Faculty Surgical Demonstration**
Reverse Shoulder Arthroplasty

**Hands-On Skills Lab**
Primary RSA

**Lunch & Panel Discussion: Complications in RSA – How to Prevent and Treat**
- Stiffness
- Instability/Dislocations
- Hematoma
- Infection
- Wear/Lysis/Notching
- Stress Fractures
- Component Malposition

Afternoon 1:00 pm – 4:30 pm

**Case-Based Lectures**
- RSA for Acute Proximal Humerus Fractures
- RSA for Proximal Humerus Fracture Sequelae: Technical Considerations with Case Illustrations
- Managing Glenoid Bone Loss in RSA
- Indications for Combined RSA and Latissimus Dorsi Tendon Transfer
- How to Revise a Failed Arthroplasty to RSA (Case Examples of Specific Techniques)

**Faculty Surgical Demonstration**
Glenoid Reconstruction with Allograft/Bio-RSA and Latissimus Dorsi Tendon Transfer

**Hands-On Skills Lab**
RSA for Fracture; Revision RSA
  - Bio-RSA
  - Latissimus Dorsi Tendon Transfer
  - Humeral Osteotomy (Stem Extraction)

Industry Spotlight Session #1 (Non-CME)
INDUSTRY SPOTLIGHT SESSION #2 (Non-CME)

**CASE-BASED LECTURES**

Latarjet – Biomechanical Rationale
- Indications and Contraindications – Who Gets a Latarjet and Who Should Not?
  - If You Can’t Do a Latarjet Then What?
- Are All Latarjets the Same? Flat or on the Side? Subscapularis Split or Takedown?
- Latarjet Complications – North American vs. European Experience

**PRE-RECORDED VIDEO DEMONSTRATIONS**

Open Latarjet Procedure; Pearls and Pitfalls
- Arm Positioning
- Graft Harvest
- Graft Positioning

Arthroscopic Latarjet

**FACULTY SURGICAL DEMONSTRATION**

Latarjet Procedure

**HANDS-ON SKILLS LAB**

Open Latarjet Procedure

**WORKING LUNCH**

Interesting Latarjet Cases

Open Instability Cases

**Afternoon 1:00 pm – 3:45 pm**

**CASE-BASED LECTURES**

Redefining the Role of Open Anterior Instability Surgery
- Indications
- Ideal Patient Cohort
- Recent Outcomes Data

Quantifying Glenoid and Humeral Bone Loss
- When is Advanced Imaging Needed?
  - MRI vs. CT Scan
  - What Are Bipolar Lesions?

Are All Open Stabilizations the Same? (Technique Emphasis)
- Subscapularis Takedown vs. Split
- Bankart Repair Alone vs. Capsular Shift
- Humeral vs. Glenoid Based Shifts

**FACULTY SURGICAL DEMONSTRATION**

Open Anterior Bankart Repair with Capsular Shift

**HANDS-ON SKILLS LAB**

Open Capsular Shift. Anterior Approach
Subscapularis Takedown
Capsular Shift
Anterior Labral Repair
Course Tuition
Registration fee includes course materials, electronic syllabus, and refreshment breaks. Lunches are included for full-day sessions only.

- **AAOS/ASES Candidate Member/International Member/Emeitus Member**: $1,669
- **AAOS/ASES Resident Member/Resident/Post-Residency Fellow/Military**: $1,469
- **Nonmember Orthopaedic Surgeon/International Nonmember**: $2,069

*For AAOS/ASES members in active U.S. military duty only

How to Register
1. **Online** at aaos.org/3082
2. **Call** AAOS Customer Service at 1-800-626-6726 from 8:00 am to 5:00 pm CT. Outside U.S. dial +1-847-823-7186.
3. **Print** registration form at aaos.org/3082. Mail the completed form to AAOS, 9400 W. Higgins Rd., Rosemont, IL 60018. Or fax to 1-800-823-8025. Outside U.S. fax to +1-847-823-8125.

Hotel
- **Hampton Inn & Suites**
  - 9480 W. Higgins Road
  - Rosemont, IL 60018
  - Phone: 1-847-692-3000

- **Housing Reservation Deadline**: March 23, 2017
- **Room Rate**: $129*/night (plus applicable taxes)
  - Single or Double occupancy
  - *Includes breakfast, WiFi, fitness center

Accreditation Statement
The American Academy of Orthopaedic Surgeons is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education (CME) for physicians.

AMA Credit Designation Statement
AAOS designates this live activity for a maximum of 14.25 **AMA PRA Category 1 Credits™**. Physicians should claim only the credits commensurate with the extent of their participation in the activity.

Obtaining CME Credit
Course participants must complete and submit an online evaluation form to receive CME credit.
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