



San Diego Shoulder

41st Annual San Diego Course

Hilton San Diego Bayfront

June 13 – 15, 2024

Arthroscopy Arthroplasty Fractures

Program Chairmen:

James C. Esch, M.D., SDSI C.E.O.

Jon "J.P." Warner, M.D., President

Larry D. Field, M.D., Program Chair

Jonathan B. Ticker, M.D., Co-Chair



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Thursday, June 13 • 12:00 – 1:00 pm • Indigo 202A



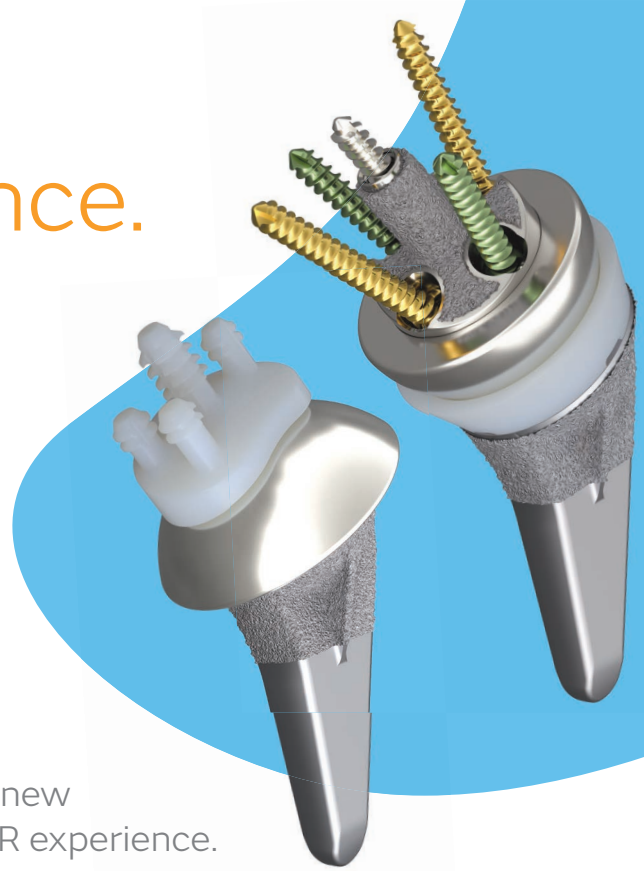
Dr. Christopher Klifto
Moderator



Dr. Michael Freehill



Dr. James Kelly



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1. Smith+Nephew 2023. Internal Report. ER-04-0990-0020.

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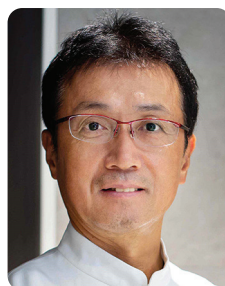
Dr. Ian Lo
Moderator



Dr. Christopher Klifto



Dr. Michael O'Brien



Dr. Hiroyuki Sugaya



Dr. Scott Trenhaile

Friday, June 14
12:00 – 1:00 pm
Indigo 202A

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References 1. Ruiz Ibán MA, et al. Arthroscopy. Published online December 27, 2023.
2. Bokor DJ, et al. Muscles, Ligaments Tendons J 2015;5(3):144-150.

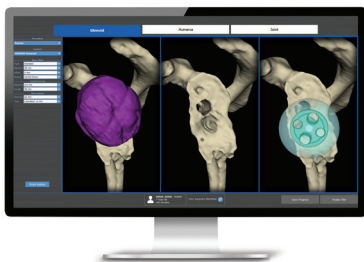
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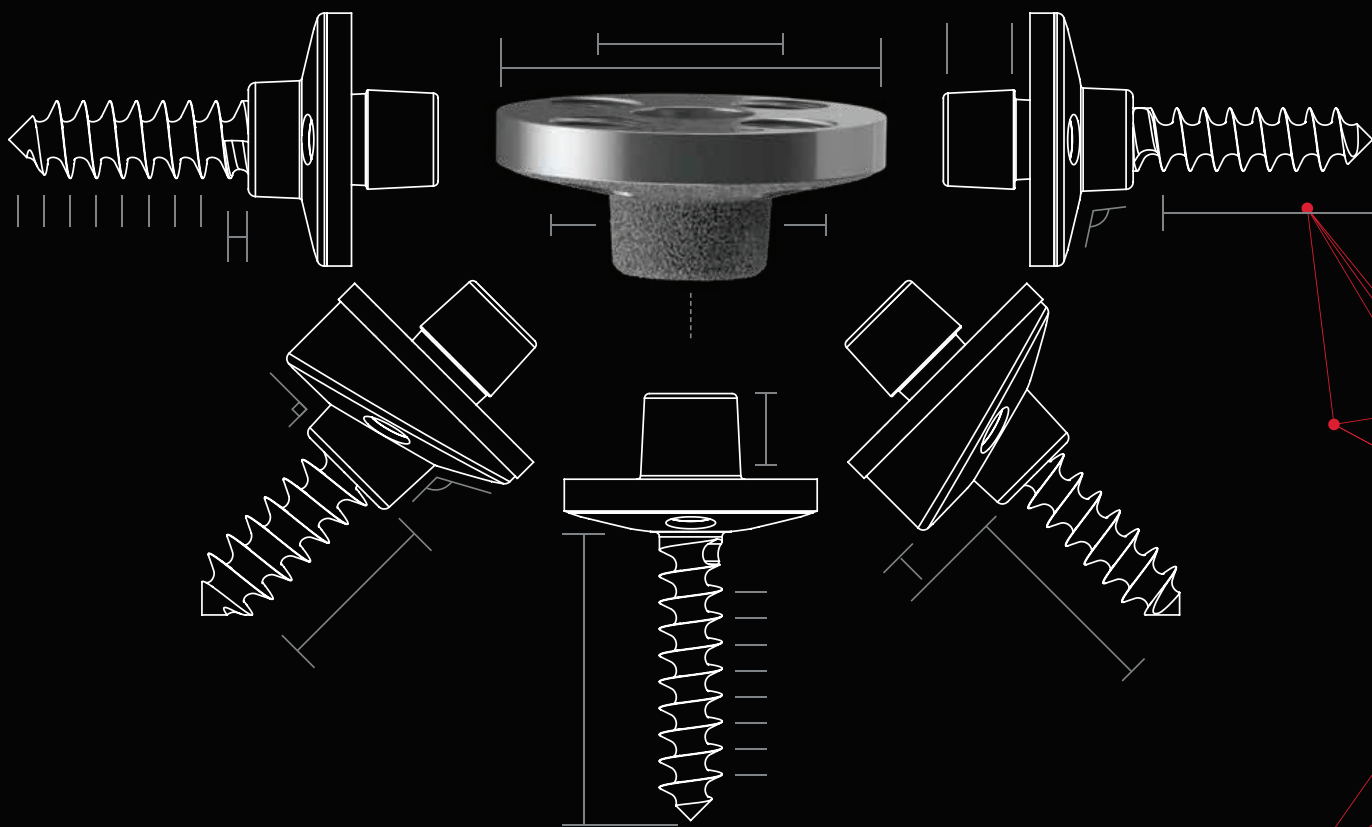
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MKT0031017-001 Rev B

¹ Cuff et al. Reverse shoulder arthroplasty for the treatment of rotator cuff deficiency: a concise follow-up, at a minimum of 10 years, of previous reports. Journal of Bone and Joint Surgery. 2017

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San Diego Shoulder

Providing a Platform for Excellence in Shoulder Education for 41 Years

ABOUT OUR COURSE



James C. Esch, M.D. founded the San Diego Shoulder Course in 1983. Having a passion to educate, mentor, and positively cultivate the standard of shoulder care, he continually pursued opportunities to advance shoulder educational offerings. Beginning with a small group of like-minded individuals meeting to discuss evidenced-based and best-practice modalities related to arthroscopy, the course expanded throughout the years to incorporate arthroplasty, fracture management, instability, sports medicine, and complex shoulder care.

The course has continued to grow and is now recognized world-wide for quality and comprehensive education, being proclaimed as the best shoulder course in the world. As President and C.E.O., Dr. Esch continues to oversee the annual course to ensure fulfillment of our mission: to improve the competence, performance, and patient outcomes of shoulder care.

A LETTER FROM OUR CHAIRMAN



On behalf of San Diego Shoulder Institute's (SDSI) Board of Directors and Program Planning Committee, I would like to welcome you to our 41st Annual Shoulder Course: **Arthroscopy, Arthroplasty, and Fractures**. Course dates are June 13-15, 2024 at the beautiful Hilton San Diego Bayfront Hotel. We are confident that our robust expanded program offering new "cutting-edge" educational opportunities, combined with this exciting venue, will offer an experience that is second to none and perpetuate SDSI's reputation as the best shoulder course in the world.

I believe we have assimilated a dynamic and diverse program that is our best offering to date. Whether you are beginning your career or are an advanced practitioner, our comprehensive three-day curriculum offers educational opportunities of interest to all. Key topics and offerings include:

- **Interactive Topical Lecture Sessions:**
 - Tendon Transfer
 - Arthroplasty
 - Avoiding Complications
 - Instability
 - Rotator Cuff Repair
 - Fracture Management
- **Keynote Lectures:**
 - The Digital Episode of Shoulder Care: A New Paradigm for Care
Jon "J.P." Warner, M.D.
 - Shoulder Arthroplasty – Past, Present, and Future
William Levine, M.D.
 - Risk Factors for Repairability in Large/ Massive Rotator Cuff Tears
Chunyan Jiang, M.D., PhD
 - Instability in Asia: Development of Minor Bone Loss Algorithm and Approaches, Hybrid Suturing and Dual-Row Labral Repair Techniques
Denny Lie, M.D.
- **Engaging faculty debates, case controversies, and panel discussions**
- **"My Favorite Tip" Faculty Competition for both Rotator Cuff and Instability Surgery**
- **Individualized instructional course breakout sessions:**
 - Large Rotator Cuff Tears: Releases, Repairs, Patches, Biceps Augmentation, SCR, Balloons, and Reverses: A Case-Based Symposium
 - Management of Complex Instability: What to Do for the Toughest Cases?
 - The Business of Orthopaedics: From Branding to Biologics
 - When and How to do Tendon Transfers: Cadaveric Demonstrations by the Experts!
 - Asian/North American Symposium on Rotator Cuff and Shoulder Instability Controversies: Conflict or Consensus?
 - Stump the Experts: "Live" Examinations Featuring Essential Interdisciplinary Tips for "Mystery" Patients
 - Shoulder Arthritis in the Young Adult: From Arthroscopy to Arthroplasty
 - Immersive Virtual Reality: Bending the Surgical Skill Curve
 - Revision Shoulder Arthroplasty: Challenges and Controversies
 - Innovations and Cutting-Edge Techniques for Managing Proximal Humerus Fractures in 2024
 - **Cadaveric Laboratories with Hands-On Learning from dedicated, expert faculty surgeons**

Our talented and experienced faculty represent the leading experts in shoulder care, with national and international expertise. No other shoulder course offers the depth and breadth of shoulder education as does San Diego Shoulder. You won't want to miss this invaluable learning experience! I am confident you will identify specific patient management improvements that can be implemented into your practice to improve performance and patient outcomes.

In the spirit of exceptional learning,
Larry D. Field, M.D., Course Chair

COURSE HIGHLIGHTS

The purpose of this course is to provide strategies to equip physicians to provide the highest level of analytical, diagnostic, treatment, and rehabilitative practice modalities specific to shoulder arthroscopy, arthroplasty, fracture management, sports medicine, and complex shoulder etiologies. Bringing together expert faculty, course content focuses on known best practice, latest technological advances, and evidence-based research related to shoulder care.

Physicians will benefit directly from the following formats of educational interaction:

FEATURING:

- World acclaimed leaders in the field! Join nationally and internationally recognized faculty experts in the shoulder field!
- Dynamic faculty debates, case-based discussions and controversies, relive surgeries, evidenced-based practice, and panel discussions. **You won't want to miss the opportunity to engage directly with world class leaders in the shoulder field!**
- Keynote lectures from Jon "J.P." Warner, M.D., William Levine, M.D., Chunyan Jiang, M.D., PhD., and Denny Lie, M.D.
- Individualized break-out sessions: you choose your area of interest from the major topics facing shoulder care today.
 - Cadaveric Focus Demonstration:
 - ✓ When and How to Do a Tendon Transfer
 - American Shoulder and Elbow Surgeons Fellow Paper Presentations
 - Asian/North American Symposium on Rotator Cuff and Shoulder Instability Controversies: Conflict or Consensus?
 - Innovations and Cutting-Edge Techniques for Managing Proximal Humerus Fractures in 2024
 - Large Rotator Cuff Tears: Releases, Repairs, Patches, Biceps Augmentation, SCR, Balloons, and Reverses: A Case-Based Symposium
 - Management of Complex Instability: What to Do for the Toughest Cases?
 - Revision Shoulder Arthroplasty: Challenges and Controversies
 - Shoulder Arthritis in the Young Adult: From Arthroscopy to Arthroplasty
 - Stump the Experts: "Live" Examinations Featuring Essential Interdisciplinary Tips for "Mystery" Patients
 - The Business of Orthopaedics: From Branding to Biologics
 - Immersive Virtual Reality: Bending the Surgical Skill Curve

Augment your learning experience by the following educational formats:

- We have brought together the "best of the best" in the shoulder industry. You won't want to miss our comprehensive and dynamic lecture format.

Our robust lecture content includes key topics facing the shoulder practitioner today:

Our robust lecture content includes key topics facing the shoulder practitioner today:

- | | |
|--------------------------|---|
| ✓ Arthroplasty | ✓ Arthroscopy |
| – Glenoid Issues | ✓ Instability |
| – Reverse Total Shoulder | ✓ Rotator Cuff Repair |
| – Complications | ✓ Fracture Management |
| – Failed Arthroplasty | ✓ Prevention and Treatment of Complications |
| – Surgical Techniques | ✓ Sports Medicine |
- Evaluate specific "how to" approaches and technical pearls
 - Discover how the experts handle complex problems and prevent complications
 - Integrate evidence-based approaches into optimum clinical decision-making strategies

Laboratories: All laboratories provide individualized instruction in a mock surgical environment. Participants customize the hands-on learning experience based on identified learning goals. Personalized sessions provide immediate critique and recommendations for technical improvement from our expert faculty. All sessions are customized based on individual learning goals and skill level.

- **Cadaver Arthroscopy Surgical Laboratory:** This session allows participants to actively perform the arthroscopy techniques of cuff repair, instability, and biceps repair. Expert faculty will guide students in essential arthroscopic diagnostic and operative techniques. Receive pivotal recommendations and practice on a cadaveric specimen.
- **Cadaver Arthroplasty Laboratory:** This dynamic lab features world-recognized experts in total shoulder replacement/reverse total shoulder. A brief lecture covering technique essentials is followed by individualized instruction.
- **Exclusive Personalized Instructional Cadaver Laboratory:** Don't miss this educational chance of a lifetime! Receive one-on-one instruction from one of our expert faculty. You select the instructor and the procedure! Register Early! These labs fill up quickly!

BREAK-OUT SESSIONS:

These customized sessions are specifically designed to allow participants to achieve individualized learning goals. Held in small-group settings, our expert faculty lead discussions and present specific information regarding high-end practice, tips and pearls to improve practice and prevent complications, and strategies to handle difficult cases. The sessions are dynamic and interactive.

BREAK-OUT SESSIONS CONTINUED:

- **American Shoulder and Elbow Surgeons (ASES) Fellow Paper Presentations:** Hear our prestigious group of select ASES Fellows present papers encapsulating the latest technological advances in shoulder care. A select group of shoulder experts will critique the presentations and offer clinical advice to improve care and patient outcomes.
- **When and How to Do a Tendon Transfer:** Management of massive irreparable posterior-superior rotator cuff tears is extremely challenging, especially in patients who are not candidates for reverse total shoulder replacement. Watch our experts perform cadaveric demonstrations on two of the options to reconstruct a massive irreparable posterior-superior rotator cuff tear: arthroscopic assisted lower trapezius and latissimus transfers. You will learn specific tips and technical pearls to assist you in performing these challenging surgical techniques to restore patient function and relieve pain.
- **Asian/North American Symposium on Rotator Cuff and Shoulder Instability Controversies:** Conflict or Consensus? Managing rotator cuff and instability problems remains a highly controversial topic. Options for treating complex problems such as large and massive rotator cuff tears and bone loss in instability patients are entertained. Traditional open and new arthroscopic techniques will be addressed by a world renowned international panel who bring vast experience and a varied perspective to managing shoulder pathologies during what promises to be an exciting and spirited debate.
- **The Business of Orthopaedics: From Branding to Biologics:** This session addresses topics impacting your practice today: How Marketing Techniques Grew My Practice and Can Expand Yours Too, Outpatient Shoulder Arthroplasty Is Here to Stay: How to Integrate and Benefit, Ortho Biologics: What and How to Integrate into Your Clinical Practice, Perspectives on Health Care Consolidation and Private Equity Acquisition, Recognizing and Pursuing Opportunities that Optimize Your Value, and Practice Management Headwinds/Tailwinds and Third Party Payers.
- **Innovations and Cutting-Edge Techniques for Managing Proximal Humerus Fractures in 2024:** Join us for an exciting breakout session addressing the treatment of a broad range of proximal humerus fractures. This session incorporates proximal humerus fixation techniques from open to percutaneous, specific strategies for treating impacted valgus and surgical neck fractures, treatment of malunions and nonunions, techniques for addressing version, rotation, displace, and when to resort to arthroplasty with success.
- **Large Rotator Cuff Tears: Releases, Repairs, Patches, Biceps Augmentation, SCR, Balloons, and Reverses:** A Case-Based Symposium: Rotator cuff pathology varies widely in type and complexity. To maximize successful outcomes in the surgical treatment of rotator cuff tears, the shoulder surgeon must be equipped with the latest tools and techniques to manage the breadth of rotator cuff pathoanatomy. In this session, our expert panel keeps things lively with a case-based approach to managing tears ranging from partial to massive. We will also highlight the indications and techniques for surgical repair, biologic augmentation, joint preservation, and the indications for prosthetic reconstruction.
- **Management of Complex Instability: What to Do for the Toughest Cases?** Surgically managing complex shoulder instability problems is a significant challenge for even the most experienced surgeons, and which procedure to utilize is a highly controversial topic. Options for treating difficult bone and soft tissue lesions as well as instability procedure failures are discussed. Traditional open and new arthroscopic techniques will be addressed by a world renowned panel who bring vast experience and a varied perspective to managing these conditions during what promises to be an exciting and spirited debate.
- **Revision Shoulder Arthroplasty: Challenges and Controversies:** As the indications for and popularity of shoulder arthroplasty continue to expand, the necessity for revision arthroplasty is more frequently encountered. This expert panel shares tips and tricks to manage these complex surgical challenges and addresses the latest techniques and innovations to aid shoulder surgeons in managing these difficult cases.
- **Shoulder Arthritis in the Young Adult:** From Arthroscopy to Arthroplasty: Shoulder arthritis in the young adult is a common but controversial problem to manage. Which patients can be helped by arthroscopic treatment? When should I resort to arthroplasty and which implants should I use? What about glenoid management? Join our expert panel for an interesting and insightful discussion as they explore the options for treating this challenging condition.
- **Stump the Experts: "Live" Examinations Featuring Essential Interdisciplinary Tips for "Mystery" Patients:** Join this very experienced panel as they perform evaluations on "live patients with "mystery" shoulder conditions. Thorough histories and physical examinations are carried out along with the interpretation of objective testing. Expert faculty tips related to diagnosis, treatment alternatives, and post-operative rehabilitation will be shared with attendees. This session promises to be an engaging, lively, and highly educational event.
- **Immersive Virtual Reality: Bending the Surgical Skill Curve:** Surgical practice in the metaverse offers the opportunity to practice surgery on demand and experience errors in a virtual world so as to avoid them in real world surgery. Catch the wave of this new technology that promises to improve surgical skills like no other educational experience. An expert panel will describe this technology and demonstrate its potential as well as the opportunity for shared education around the world without leaving home.

Luncheon and Dinner Workshop Series: Presented by expert physicians in the field! No Charge!

Held Thursday and Friday, attendees will review current technological advances and surgical techniques in shoulder arthroplasty, arthroscopy, and special topics. Presented by leading designers, researchers, and experts in the field. **Space is limited. Register now!**

San Diego Shoulder Institute would like to extend a warm welcome to the Fellows of the American Shoulder and Elbow Surgeons who are participating in our course. Fellow paper presentations are open to our audience.

SAN DIEGO SHOULDER FACULTY:



James C. Esch, M.D.
Course Chairman
SDSI C.E.O.
Oceanside, CA



Larry D. Field, M.D.
Program Chairman
Lecture Faculty
Jackson, MS



Jonathan B. Ticker, M.D.
Program Co-Chair
SDSI Board Member
Lecture Faculty
Merrick, NY

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Jenny Blumenthal – Executive Assistant

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Mark Getelman, M.D.
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COURSE PLANNING COMMITTEE AND LECTURE FACULTY:



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Durham, NC



Grant Garrigues, M.D.
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Asheesh Bedi, M.D.
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Joaquin Sanchez-Sotelo, M.D.
Rochester, MN



Emilie Cheung, M.D.
Redwood City, CA

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Jeffrey S. Abrams, M.D.
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Sumant "Butch" Krishnan, M.D.
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Howard Routman, D.O.
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COURSE LECTURE FACULTY CONTINUED:



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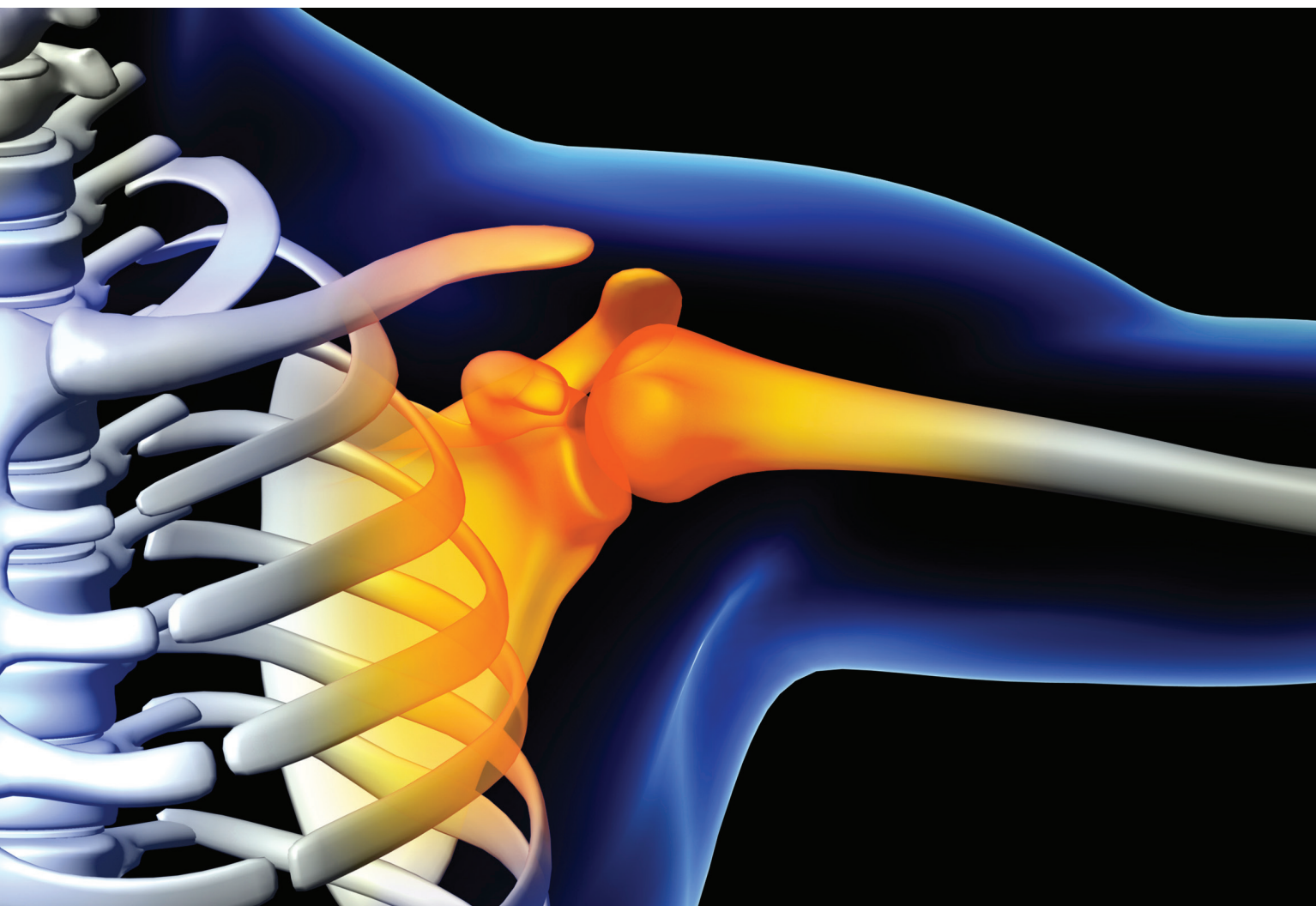
Brian Waterman, M.D.
Salem, NC



Chuck Thigpen, PhD
Greenville, SC

OTHER FACULTY INCLUDE:

Andrew Hurvitz, M.D.
San Diego, CA



MEETING AT A GLANCE June 13 – 15, 2024

LABS: Pages 10 and 15

LECTURES: Pages 8 – 20

BREAK-OUT SESSIONS: Pages 11 and 16

	Thursday, June 13	Friday, June 14	Saturday, June 15
REGISTRATION	6:30 a.m. – 5:30 p.m.	6:30 a.m. – 5:30 p.m.	6:30 a.m. – 4:00 p.m.
LECTURES Indigo Lecture Hall	7:30 – 12:00 p.m. 1:00 – 2:15 p.m.	7:30 – 12:00 p.m. 1:00 – 2:15 p.m.	7:30 – 12:00 p.m. 1:00 – 3:30 p.m.
Industry Sponsored Spotlight Opportunity	9:15 – 9:45 a.m. DePuy Synthes 204A	9:15 – 9:45 a.m. DePuy Synthes 204A	
EXHIBITS Indigo Exhibit Hall	6:30 – 7:30 a.m. 9:15 – 9:45 a.m. 2:15 – 2:45 p.m. 5:30 – 7:30 p.m.	6:30 – 7:30 a.m. 9:15 – 9:45 a.m. 2:15 – 2:45 p.m.	6:30 – 7:30 a.m. 9:15 – 9:45 a.m.
LUNCHEONS	12:00 – 1:00 p.m. DePuy Synthes 204A, Enovis Elevation 30, Exactech 202B, Smith + Nephew 202A, Stryker 204B	12:00 – 1:00 p.m. Arthrex Elevation 30, DePuy Synthes 204A, Smith + Nephew 202A, Stryker 204B, Zimmer Biomet 202B	
BREAK-OUT SESSIONS	1:00 – 2:15 p.m. Large Rotator Cuff Tears: Releases, Repairs, Patches, Biceps Augmentation, SCR, Balloons, and Reverses: A Case-Based Symposium 202A Management of Complex Instability: What to Do for the Toughest Cases? 202B 2:45 – 4:45 p.m. The Business of Orthopaedics: From Branding to Biologics 202B When and How to do Tendon Transfers: Cadaveric Demonstrations by the Experts! Indigo Lecture Hall Asian/North American Symposium on Rotator Cuff and Shoulder Instability Controversies: Conflict or Consensus? 202A	1:00 – 2:15 p.m. Stump the Experts: “Live” Examinations Featuring Essential Interdisciplinary Tips for “Mystery” Patients 202A Shoulder Arthritis in the Young Adult: From Arthroscopy to Arthroplasty 202B Immersive Virtual Reality: Bending the Surgical Skill Curve 204B 2:00 – 7:15 p.m. American Shoulder and Elbow Surgeons (ASES) Fellows’ Day 310 & 311 Revision Shoulder Arthroplasty: Challenges and Controversies Indigo Lecture Hall Innovations and Cutting-Edge Techniques for Managing Proximal Humerus Fractures in 2024 202B	
LABS	Cadaveric Labs: Arthroplasty/EPIC 2:45 – 5:30 p.m. Aqua Salon	Cadaveric Labs: Arthroscopy/EPIC (Arthroscopy or Arthroplasty) 2:45 – 5:30 p.m. Aqua Salon	
FOOD & BEVERAGE Indigo Exhibit Hall	6:30 – 7:30 a.m. 9:15 – 9:45 a.m. 2:15 – 2:45 p.m. 5:30 – 7:30 p.m. Chairmen’s Reception and Industry Workshop	6:30 – 7:30 a.m. 9:15 – 9:45 a.m. 2:15 – 2:45 p.m. 6:00 – 8:00 p.m. Zimmer Biomet Workshop Dinner Elevation 30 6:30 – 8:30 p.m. Faculty Dinner (Invitation Only) Indigo Terrace	6:30 – 7:30 a.m. 9:15 – 9:45 a.m. 12:00 – 1:00 p.m.

THURSDAY June 13, 2024

Registration Opens Wednesday, June 12, 2024: 3:00 – 5:00 p.m. **Hilton Indigo Foyer**

6:30 a.m. – 5:30 p.m. **Course Registration**

6:30 – 7:30 a.m. **Visit Exhibits – Continental Breakfast**

Indigo Lecture Hall:

7:30 **Welcome – 41st Annual SDSI Course**

James C. Esch, M.D., Jon “J.P.” Warner, M.D., and Larry D. Field, M.D.

7:31 **Arthroplasty Part 1: Anatomic TSA**

Moderator: Oke Anakwenze, M.D.

7:32 **Pyrocarbon Hemiarthroplasty: What’s the Big Deal?**

Armodios Hatzidakis, M.D.

7:38 **Augmented Glenoids in Anatomic TSA: When, How, and What to Expect**

Grant Garrigues, M.D.

7:44 **Inset Glenoid Components: Never, Sometimes, or Always?**

Peter Chalmers, M.D.

7:50 **Moderator Questions for Speakers**

7:55 **Case Presentations: Anatomic TSA**

Moderator: Oke Anakwenze, M.D.

Panel: Bishop, Cheung, Hoenecke, Krishnan, Namdari, Romeo

8:14 **Arthroplasty Part 2: Reverse TSA**

Moderator: Eric Ricchetti, M.D.

8:15 **Reverse Arthroplasty Planning: What Should My Targets Be in 2024?**

Michael Amini, M.D.

DEBATE: Planning to Execution

8:22 ***Patient Specific Instrumentation is All I Need!**

Jon “J.P.” Warner, M.D.

8:28 ***Why Not Make Your Own Baseplate? The Patient Matched Approach**

Joaquin Sanchez-Sotelo, M.D.

8:34 ***I Have Been Doing This for Years! Optical Navigation is Best**

Howard Routman, D.O.

8:40 ***Welcome to 2024: Mixed Reality Will Make OTHER METHODS Obsolete!**

Michael T. Freehill, M.D.

8:46 **Moderator Questions for Speakers**

8:53 **Case Presentations: Reverse TSA**

Moderator: Eric Ricchetti,

M.D.

Panel: Costouros, Denard, Hobgood, Lin, Routman

9:15 – 9:45 a.m. **DePuy Synthes Sponsored Spotlight 204A**

9:15 – 9:45 a.m. **Visit Exhibits - Refreshments**

9:49 **Keynote #1 Introduction**

Joaquin Sanchez-Sotelo, M.D.

9:50 **Keynote Lecture #1: The Digital Episode of Shoulder Care:
A New Paradigm for Care**

Jon “J.P.” Warner, M.D.

10:05 **Arthroplasty Part 3: Complications Are Coming!
How Do We Make Revisions More Reliable?**

Moderator: Joaquin Sanchez-Sotelo, M.D.

THURSDAY June 13, 2024 continued

10:06 Is the Patient Infected or Not? How Do I Know?

Christopher Klifto, M.D.

10:12 One Stage vs. Two Stage Revision for PJI: What Should I Do in 2024?

Robert Hartzler, M.D.

10:18 Safe Removal of Well-Fixed Humeral Components

Evan Lederman, M.D.

10:24 Moderator Questions for Speakers

10:30 The Dislocated Reverse: My Algorithm, Tips, and Tricks

Eric Ricchetti, M.D.

10:36 Acromion and Spine Fractures: Can They Be Prevented? How?

Patrick Denard, M.D.

10:42 Acromion and Spine Fractures: When to Fix and How?

Surena Namdari, M.D.

10:48 Moderator Questions for Speakers

10:54 Case Presentations: Shoulder Arthroplasty Complications

Moderator: William Levine, M.D.

Panel: Bishop, Mighell, Parsons, Wagner

11:14 Arthroplasty Part 4: The Failed Arthroplasty Moderator: Grant Garrigues, M.D.

11:15 Revising the Failed Glenoid: Bone Grafting Techniques

Sumant "Butch" Krishnan, M.D.

11:21 Revising the Failed Glenoid: Custom Metallic Revision Baseplates

Albert Lin, M.D.

11:27 Revising the Failed Humerus: The Case for Allograft Prosthetic Composites

Eric Wagner, M.D.

11:33 Revising the Failed Humerus: The Case for Tumor Prostheses

Emilie Cheung, M.D.

11:39 Moderator Questions for Speakers

11:44 Keynote #2 Introduction

Joaquin Sanchez-Sotelo, M.D.

11:45 Keynote Lecture #2: Shoulder Arthroplasty – Past, Present, and Future

William Levine, M.D.

12:00 Adjourn

12:00 – 1:00 p.m.

**Industry Sponsored Lunch Sessions -
DePuy Synthes 204A, Enovis Elevation 30 , Exactech 202B,
Smith + Nephew 202A, Stryker 204B**

Indigo Lecture Hall:

**SURGICAL TECHNIQUES IN SHOULDER ARTHROPLASTY:
VIDEO BASED TIPS, TOYS, AND TIMING**

Moderator: Ronald Navarro, M.D.

1:00 Welcome

1:02 Top Five Technical Mistakes Surgeons Make

Ronald Navarro, M.D.

THURSDAY June 13, 2024 continued

- 1:07 **Video: Deltopectoral Approach and Glenoid Exposure**
Julie Bishop, M.D.
- 1:12 **Video: Subscapularis Peel and Repair**
Bradford Parsons, M.D.
- 1:17 **Video: Lesser Tuberosity Osteotomy and Repair**
Justin Griffin, M.D.
- 1:22 **Video: Tenotomy Peel and Repair**
William Levine, M.D.
- 1:27 **Audience Q&A**
- 1:35 **Video: Stemless Preparation for Anatomic Arthroplasty**
Anthony Romeo, M.D.
- 1:40 **Video: Stem Preparation for Reverse Arthroplasty**
Joaquin Sanchez-Sotelo, M.D.
- 1:45 **Video: Augmented Baseplate Preparation and Implantation**
Robert Hartzler, M.D.
- 1:50 **Video: BIO-RSA Surgical Technique**
Eric Wagner, M.D.
- 1:55 **Video: Subscapularis Sparing Total Shoulder Arthroplasty**
Mark Mighell, M.D.
- 2:00 **Audience Q&A**

2:15 – 2:45 p.m.

Visit Exhibits – Refreshments

Cadaver Laboratory: Individualized instruction in Arthroplasty/Reverse Arthroplasty (Session includes Exclusive Personalized Instruction Cadaver (EPIC) Laboratory opportunities)

Labs: 2:45 - 5:30 p.m. Aqua Salon

Lab Director: William Stetson, M.D.

Arthrex:

EPIC: Albert Lin, M.D., Bradford Parsons, M.D.

LAB: Asheesh Bedi, M.D., Brian Waterman, M.D.

DePuy Synthes:

EPIC: William Ciccone, M.D.

LAB: Peter Chalmers, M.D., Jonathan B. Ticker, M.D.

Enovis:

EPIC: Grant Garrigues, M.D., Surena Namdari, M.D.

LAB: Andrew Hartman, M.D., Eric Ricchetti, M.D.

Exactech:

LAB: Oke Anakwenze, M.D., Michael O'Brien, M.D., Howard Routman, D.O.

Smith + Nephew:

LAB: Michael T. Freehill, M.D., Christopher Klifto, M.D.

Stryker:

EPIC: Michael Amini, M.D.

LAB: Julie Bishop, M.D., Mark Mighell, M.D., Ronald Navarro, M.D.

Zimmer Biomet:

LAB: Emilie Cheung, M.D., William Levine, M.D.

5:30 p.m. **Lab ends**

SPECIAL THURSDAY AFTERNOON DYNAMIC BREAKOUT SESSIONS

1:00 – 2:15 p.m.

Large Rotator Cuff Tears: Releases, Repairs, Patches, Biceps Augmentation, SCR, Balloons, and Reverses: A Case-Based Symposium

202A

Director: Asheesh Bedi, M.D.

Faculty: Mark Getelman, M.D., Scott Trenhaile, M.D., Oke Anakwenze, M.D., Michael O'Brien, M.D.

1:00 – 2:15 p.m.

Management of Complex Instability: What to Do for the Toughest Cases?

202B

Director: Brian Waterman, M.D.

Faculty: Albert Lin, M.D., Shariff K. Bishai, D.O., Richard K.N. Ryu, M.D., William Ciccone, M.D.

2:45 – 4:45 p.m.

The Business of Orthopaedics: From Branding to Biologics

202B

Director: Louis McIntyre, M.D.

Faculty: Rachel Frank, M.D., Evan Lederman, M.D., Don Buford, M.D., Justin Griffin, M.D., Jon "J.P." Warner, M.D.

How Marketing Techniques Grew My Practice and Can Expand Yours Too

Rachel Frank, M.D.

Outpatient Shoulder Arthroplasty is Here to Stay: How to Integrate and Benefit

Evan Lederman, M.D.

Ortho Biologics: What and How to Integrate into Your Clinical Practice

Don Buford, M.D.

Perspectives on Health Care Consolidation and Private Equity Acquisition

Justin Griffin, M.D.

Recognizing and Pursuing Opportunities that Optimize Your Value

Jon "J.P." Warner, M.D.

Practice Management Headwinds/Tailwinds and Third-Party Payers

Louis McIntyre, M.D.

2:45 – 4:45 p.m.

When and How to do Tendon Transfers: Cadaveric Demonstrations by the Experts!

Indigo Lecture Hall

Director: Eric Wagner, M.D.

Faculty: Joaquin Sanchez-Sotelo, M.D.

2:45 – 4:45 p.m.

Asian/North American Symposium on Rotator Cuff and Shoulder Instability

Controversies: Conflict or Consensus?

202A

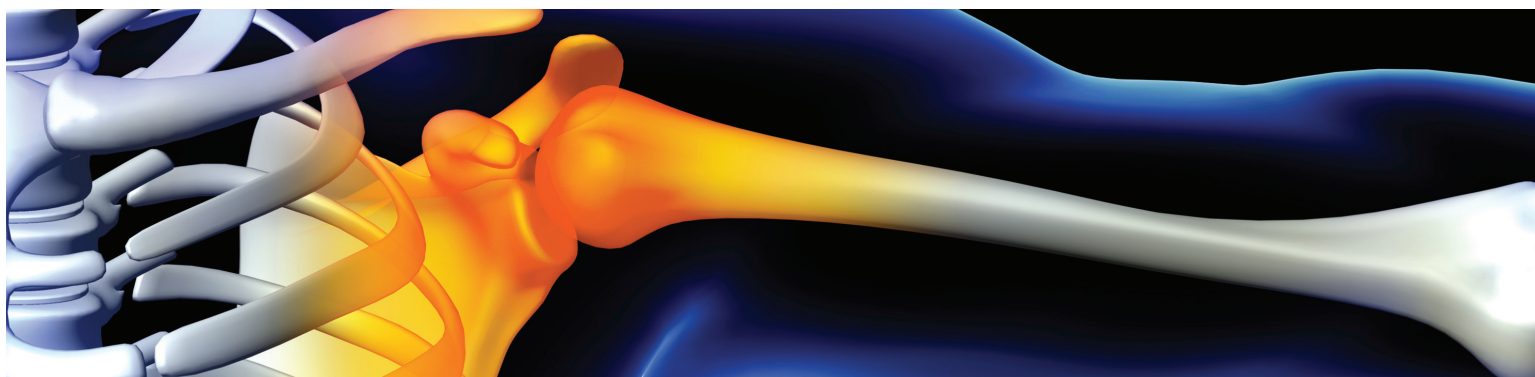
Director: Anthony Romeo, M.D.

Faculty: Chunyan Jiang, M.D., PhD, Denny Lie, M.D., Hiroyuki Sugaya, M.D., John Tokish, M.D., Patrick Denard, M.D.

Chairman's Reception and Technological Demonstrations

Join us for a casual style reception while browsing our exhibit hall to see active demonstrations by our Exhibitors on the most recent and advanced technology available in the shoulder world today. Special regional appetizers and cocktails served.

5:30 – 7:30 p.m. Indigo Exhibit Hall Open session: Pre-Registration is not required



FRIDAY June 14, 2024

6:30 a.m. – 5:30 p.m. **Course Registration**

6:30 – 7:30 a.m. **Visit Exhibits – Continental Breakfast**

Indigo Lecture Hall:

7:30 **Rotator Cuff Part 1: Workaday Rotator Cuff Tears**

Moderator: Rachel Frank, M.D.

6 Minute Presentation with 2 Minute Moderator Follow-up Questions for Speakers

7:31 **Partial Thickness Tears: When I Use a Patch and How I Decide**

Michael O'Brien, M.D.

7:39 **Use Both Single and Double Row Repair Techniques and Here's Why**

Andrew Sheehan, M.D.

7:47 **Biologics Improve Rotator Cuff Healing: Here's the Proof**

Don Buford, M.D.

7:55 **How I Recognize and Repair Delaminating Rotator Cuff Tears**

Denny Lie, M.D.

8:03 **COMMENTARY: My Intra-operative Strategies to Optimize Rotator Cuff Healing**

Mark Getelman, M.D.

8:11 **Case Presentations: Repairable Rotator Cuff Tears**

Moderator: Rachel Frank, M.D.

Panel: Buford, Getelman, Lie, O'Brien, Sheehan

8:30 **Rotator Cuff Part 2: Subscapularis and Biceps** **Moderator:** Jeffrey Abrams, M.D.

8:31 **Biceps Tenodesis: Does Location or Fixation Technique Even Matter?**

Brian Waterman, M.D.

8:37 **Don't Miss Them! How I Identify and Repair Partial Subscapularis Tears**

Robert Hartzler, M.D.

8:43 **Anterosuperior Tears: My Sequence and Tips for Arthroscopic Repair**

Ian Lo, M.D.

8:49 **When to Perform Tendon Transfer for Subscapularis Insufficiency and How I Do It**

Eric Wagner, M.D.

8:55 **Case Presentations: Subscapularis Tears and Biceps**

Moderator: Jeffrey Abrams, M.D.

Panel: Hartzler, Lo, Ticker, Wagner, Waterman

9:15- 9:45 a.m. **DePuy Synthes Sponsored Spotlight 204A**

9:15- 9:45 a.m. **Visit Exhibits – Refreshments**

9:45 **Rotator Cuff Part 3: Massive and Failed Rotator Cuff Tears**

Moderator: Asheesh Bedi, M.D.

6 Minute Presentation with 2 Minute Moderator Follow-up Questions for Speakers

9:46 **SURGICAL DEMO: All My Tricks to Achieve a Complete Repair**

Anthony Romeo, M.D.

9:54 **When and How I Use the Biceps to Augment Massive Tears**

Patrick Denard, M.D.

FRIDAY June 14, 2024 continued

- 10:02 **SCR: When I Do It and My Pearls to Make It Easier**
John Tokish, M.D.
- 10:10 **Biologic Tuberoplasty Works for Massive Tears and This is How I Do It**
Justin Griffin, M.D.
- 10:18 **To Balloon or Not to Balloon: The Latest Evidence on When to Use and How I Do It**
Scott Trenhaile, M.D.
- 10:26 **Is Lower Trapezius Transfer the New Standard? My Technique in 2024**
Joaquin Sanchez-Sotelo, M.D.
- 10:34 **When is RSA the Best Option for a Massive Tear? How I Decide**
John Costouros, M.D.
- 10:42 **Decision Making in Failed Rotator Cuff Repairs**
William Levine, M.D.
- 10:50 **Keynote #3 Introduction**
Jon "J.P." Warner, M.D.
- 10:51 **Keynote Lecture #3: Risk Factors for Repairability in Large/Massive Rotator Cuff Tears**
Chunyan Jiang, M.D., PhD
- 11:06 **Case Presentations: Massive and Failed Rotator Cuff Tears**
Moderator: Asheesh Bedi, M.D.
Panel: Costouros, Denard, Jiang, Levine, Romeo, Sanchez-Sotelo, Tokish, Trenhaile
- 11:28 **BEST ROTATOR CUFF TECHNIQUE TIP/TRICK "WINNER TAKE ALL" COMPETITION**
Moderator: Richard K.N. Ryu, M.D.

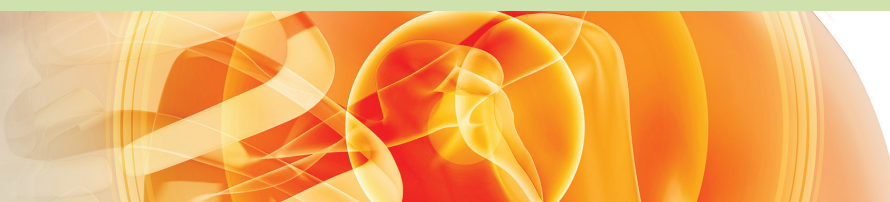
"My Favorite Arthroscopic Rotator Cuff or Biceps Technique Tip/Trick That You Will Never Stop Using After Today"

- 11:30 **My Favorite Partial Thickness Rotator Cuff Repair Tip/Trick**
Jeffrey Abrams, M.D.
- 11:35 **My Favorite Full Thickness Rotator Cuff Repair Tip/Trick**
Surena Namdari, M.D.
- 11:40 **My Favorite Subscapularis Repair Tip/Trick**
Robert Hartzler, M.D.
- 11:45 **My Favorite Biceps Tenodesis Tip/Trick**
Oke Anakwenze, M.D.
- 11:50 **My Favorite Rotator Cuff Augmentation Tip/Trick**
Grant Garrigues, M.D.
- 11:55 **AUDIENCE VOTES NOW and TROPHY PRESENTATION!**

12:00 **Adjourn**

12:00 – 1:00 p.m.

**Industry Sponsored Lunch Sessions -
Arthrex Elevation 30, DePuy Synthes 204A,
Smith + Nephew 202A, Stryker 204B, Zimmer Biomet 202B**



**Indigo Lecture Hall:
SHOULDER ARTHROSCOPY SURGICAL TECHNIQUES UPDATE**

Moderator: Ian Lo, M.D.

1:00 **Welcome**

ROTATOR CUFF AND BICEPS

1:02 **SURGICAL DEMO:**
My Technique for Arthroscopic Biceps Tenodesis is Easy and Reliable
Oke Anakwenze, M.D.

1:08 **My Tips to Recognize and Repair Partial and Complete Subscapularis Tears**
Jonanthan B. Ticker, M.D.

1:14 **Why Rotator Cuff Tear Patterns Matter and How I Assess**
Asheesh Bedi, M.D.

1:20 **How I Decide When to Augment Rotator Cuff Repairs**
Michael T. Freehill, M.D.

1:26 **Audience Q&A**

SHOULDER INSTABILITY

1:34 **Anterior Stabilization: My Tips for Achieving a Successful Bankart Repair**
Larry D. Field, M.D.

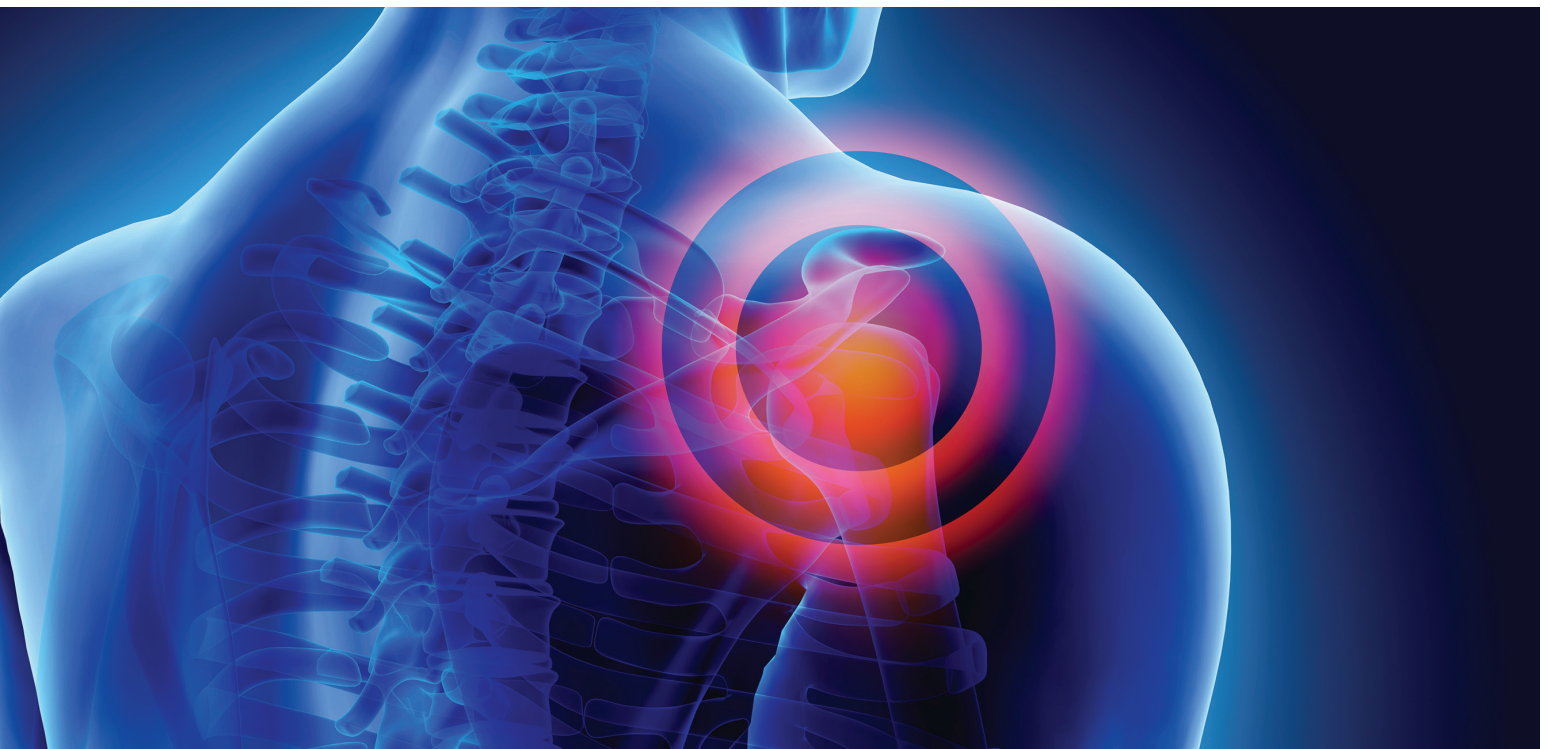
1:40 **Posterior Stabilization: Let Me Show You My Tricks**
Julie Bishop, M.D.

1:46 **On Track, Off Track, Near Track: How to Measure and When It Matters**
Albert Lin, M.D.

1:52 **Add the Remplissage: Here's Why and How to Make it Simple**
Michael O'Brien, M.D.

1:58 **Open Latarjet: My Technique and How to Avoid Complications**
Michael Amini, M.D.

2:04 **Audience Q&A**



**Cadaveric Labs: Arthroscopy (Cuff Repair, Instability, Biceps Repair)
EPIC LAB: Arthroscopy or Arthroplasty (Registrant Choice per Availability)**

2:45 – 5:30 p.m. **Aqua Salon**

Director: William Stetson, M.D.

Arthrex:

EPIC: Anthony Romeo, M.D., Brian Waterman M.D.

LAB: Albert Lin, M.D., John Costouros, M.D., Evan Lederman, M.D.

ConMed:

EPIC: Jeffrey Abrams, M.D.

LAB: Don Buford, M.D.

DePuy Synthes:

EPIC: Shariff K. Bishai, D.O., Mark Getelman, M.D.

LAB: William Ciccone, M.D., Denny Lie, M.D., Jonathan B. Ticker, M.D.

Smith & Nephew:

EPIC: Michael T. Freehill, M.D., Michael O'Brien, M.D., Scott Trenhaile, M.D.,
Hiroyuki Sugaya, M.D.

LAB: Ian Lo, M.D., Louis McIntyre, M.D., Richard K.N. Ryu, M.D.

Stryker:

EPIC: Robert Hartzler, M.D., Heinz Hoenecke, M.D.

LAB: Michael Amini, M.D.

Zimmer Biomet:

EPIC: Chunyan Jiang, M.D., PhD

5:30 p.m. **Lab ends**



SPECIAL FRIDAY AFTERNOON DYNAMIC BREAKOUT SESSIONS

These customized sessions are specifically designed to allow participants to achieve individualized learning goals. Held in smaller-group settings, our expert faculty lead discussions regarding a variety of shoulder conditions, share tips and pearls to improve your practice, prevent complications, and refine strategies to handle difficult cases. The sessions are dynamic and interactive.

1:00 – 2:15 p.m.

Stump the Experts: “Live” Examinations Featuring Essential Interdisciplinary Tips for “Mystery” Patients

202A

Director: Matthew Provencher, M.D.

Faculty: Chuck Thigpen, PhD, Grant Garrigues, M.D., Heinz Hoenecke Jr., M.D., Andrew Hurvitz, M.D.

1:00 – 2:15 p.m.

Shoulder Arthritis in the Young Adult: From Arthroscopy to Arthroplasty

202B

Director: Eric Ricchetti, M.D.

Faculty: Evan Lederman, M.D., John Costouros, M.D., Scott Trenhaile, M.D.

1:00 – 2:15 p.m.

Immersive Virtual Reality: Bending the Surgical Skill Curve

204B

Director: Jon “J.P.” Warner, M.D.

Faculty: Danny Goel, M.D., Joaquin Sanchez-Sotelo, M.D.

2:00 – 7:15 p.m.

American Shoulder and Elbow Surgeons (ASES) Fellows’ Day

310 & 311

Moderators: Justin Griffin, M.D., Andrew Sheean, M.D.

2:45 – 4:45 p.m.

Revision Shoulder Arthroplasty: Challenges and Controversies

Indigo Lecture Hall

Director: Howard Routman, D.O.

Faculty: Julie Bishop, M.D., Patrick Denard, M.D., Ronald Navarro, M.D.

2:45 – 4:45 p.m.

Innovations and Cutting-Edge Techniques for Managing Proximal Humerus Fractures in 2024

202B

Director: Sumant “Butch” Krishnan, M.D.

Faculty: Mark Mighell, M.D., Andrew Hartman, M.D., Rhett Hobgood, M.D., Armodios Hatzidakis, M.D., Peter Chalmers, M.D.

***Proximal Humerus Fixation Techniques from Open to Percutaneous**

***Specific Strategies for Impacted Valgus and Surgical Neck Fractures**

***Treatment of Malunions and Nonunions**

***Techniques for Addressing Version, Rotation, and Displacement**

***When to Resort to Arthroplasty with Success**

6:00 – 8:00 p.m.

Zimmer Biomet Sponsored Workshop Dinner Elevation 30

6:30 – 8:30 p.m.

Faculty Dinner (*Invitation Only*) Indigo Terrace



SATURDAY June 15, 2024

6:30 a.m. – 4:00 p.m. **Registration**

6:30 – 7:30 a.m. **Continental Breakfast**

7:30 **Instability Part 1: Anterior Instability from Common to Complex**
Moderator: Matthew Provencher, M.D.

7:31 **Contemporary Bankart Repairs: What are the Technique Difference Makers?**
Michael Amini, M.D.

7:37 **Evidence Review: Is Isolated Bankart Repair Inadequate for Recurrent Instability?**
Anthony Romeo, M.D.

7:43 **Why Bony Bankart Lesions Impact My Decision Making and How I Stabilize**
Hiroyuki Sugaya, M.D.

7:49 **Remplissage is an Important Adjunct: Here's the Proof and How I Do It**
Patrick Denard, M.D.

7:55 **My Indications and Technique for Arthroscopic Hill-Sachs Bone Grafting**
Scott Trenhaile, M.D.

8:01 **Moderator Questions for Speakers**

8:06 **Don't Be Afraid: My Advice and Key Tips for Transitioning to Arthroscopic Latarjet**
Chunyan Jiang, M.D., PhD

8:12 **Latarjet Dilemmas: Managing Failure and Post-operative Complications**
Mark Mighell, M.D.

8:18 **Arthroscopic Free Bone Blocks are the Future: Just Do It! Here's How**
Richard K.N. Ryu, M.D.

8:24 **Screws or Sutures for Arthroscopic Bone Augmentation Fixation: What's the Evidence?**
Ian Lo, M.D.

8:30 **Moderator Questions for Speakers**

8:35 **Keynote #4 Introduction**
Jon "J.P." Warner, M.D.

8:36 **Keynote Lecture #4: Instability in Asia: Development of Minor Bone Loss Algorithm and Approaches, Hybrid Suturing and Dual-Row Labral Repair Techniques**
Denny Lie, M.D.

8:51 **Case Presentations: Anterior Instability Problems from Common to Complex**
Moderator: Matthew Provencher, M.D.
Panel: Denard, Jiang, Lie, Lo, Mighell, Romeo, Ryu, Sugaya

9:15 – 9:45 a.m. **Visit Exhibits – Last Chance**

9:45 **Instability Part 2: Posterior and Unusual Instability Patterns**
Moderator: Grant Garrigues, M.D.

9:46 **Surgical Pearls and Avoiding Pitfalls When Treating Posterior Instability**
Oke Anakwenze, M.D.

SATURDAY June 15, 2024 continued

9:52 **Posterior Glenoid Bone Loss: How Much is Too Much and What to Do**
John Tokish, M.D.

9:58 **HAGL and RHAGL: How Not to Miss and My Repair Techniques**
Albert Lin, M.D.

10:04 **MDI: Who Needs Surgery and What I Do to Stabilize**
Brian Waterman, M.D.

10:10 **Case Presentations: Posterior and Unusual Instability Patterns**
Moderator: Grant Garrigues, M.D.
Panel: Anakwenze, Lin, Tokish, Waterman

10:30 **BEST INSTABILITY TECHNIQUE TIP/TRICK "WINNER TAKE ALL" COMPETITION**
Moderator: Julie Bishop, M.D.

***3 Minute Presentations with 2 Minute Moderator Follow-up Questions
for Speakers***

**"My Favorite Shoulder Instability Technique Tip/Trick That You Will Never Stop
Using After Today"**

10:32 **My Favorite Bankart Repair Tip/Trick**
John Tokish, M.D.

10:37 **My Favorite Bony Bankart Tip/Trick**
Jeffrey Abrams, M.D.

10:42 **My Favorite Posterior Stabilization Tip/Trick**
Matthew Provencher, M.D.

10:47 **My Favorite Remplissage Tip/Trick**
Hiroyuki Sugaya, M.D.

10:52 **My Favorite Arthroscopic Bone Augmentation Tip/Trick**
Shariff K. Bishai, D.O.

10:57 **AUDIENCE VOTES NOW and TROPHY PRESENTATION!**

11:00 **The Overhead Athlete in 2024: Diagnosis and Management**
Moderator: Michael T. Freehill, M.D.

11:01 **Evaluation of the Symptomatic Throwing Shoulder from a
Physical Therapist's Perspective**
Chuck Thigpen, PhD

11:07 **Evaluation of the Disabled Throwing Shoulder**
Anthony Romeo, M.D.

11:13 **How to Identify SLAP Tears in Overhead Athletes and When/How I Repair**
William Stetson, M.D.

11:19 **UPDATE: Latest Evidence on Biceps Tenodesis for SLAP Tears in Athletes**
Matthew Provencher, M.D.

11:25 **Pectoralis Minor Tightness is Under Recognized: How to Identify and Treat**
Eric Wagner, M.D.

11:31 **Scapulothoracic Bursectomy Works: My Indications and
Straightforward Technique**
Peter Chalmers, M.D.

SATURDAY June 15, 2024 continued

11:37 Case Presentations: Throwing Shoulder Controversies with Audience Q&A

Moderator: Michael T. Freehill, M.D.

Panel: Chalmers, Provencher, Romeo, Stetson, Thigpen, Wagner

12:00 Adjourn

12:00 – 1:00 p.m.

Lunch

1:00 Proximal Humerus Fractures

Moderator: Surena Namdari, M.D.

***6 Minute Presentations with 2 Minute Moderator
Follow-up Questions for Speakers***

**CASE: 63-Year-Old Female Physical Therapist Falls and
Sustains a 3-Part Surgical Neck Fracture**

1:01 Pro: ORIF with Plates and Screws +/- Fibular Graft is the Obvious Answer

Rhett Hobgood, M.D.

1:09 Pro: Nail This Fracture: Faster and Less Invasive

Armodios Hatzidakis, M.D.

1:17 Pro: Just Do a Primary RSA

Asheesh Bedi, M.D.

1:25 How I Manage Failed Proximal Humerus Fixation

Howard Routman, D.O.

1:33 Displaced Greater Tuberosity Fractures: When and How I Fix Arthroscopically

Sumant "Butch" Krishnan, M.D.

1:41 Case Presentations: Proximal Humerus Fractures

Moderator: Surena Namdari, M.D.

Panel: Bedi, Hobgood, Hatzidakis, Krishnan, Routman

2:03 AC Separations and Clavicle Fractures

Moderator: Peter Chalmers, M.D.

***6 Minute Presentations with 2 Minute Moderator
Follow-up Questions for Speakers***

2:04 Chronic AC Separations: My Technique and Why I Do It This Way

Heinz Hoenecke Jr., M.D.

2:12 AC Joint Catastrophes: How to Prevent and Salvage

Mark Mighell, M.D.

2:20 UPDATE: Which Mid-Third Clavicle Fractures Should Be Fixed and How I Do It

Christopher Klifto, M.D.

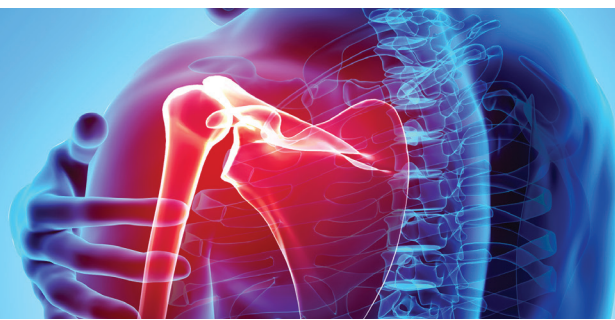
2:28 Lateral Clavicle Fractures: Which Ones Should be Stabilized and How

Michael Amini, M.D.

2:36 Case Presentations: AC Separations and Clavicle Fractures

Moderator: Peter Chalmers, M.D.

Panel: Amini, Klifto, Hoenecke, Mighell



2:58 **My Very Challenging Shoulder Girdle Fracture Case and What I Learned**
Moderator: Michael Amini, M.D.

3:00 Rhett Hobgood, M.D.

3:05 Shariff K. Bishai, D.O.

3:10 Peter Chalmers, M.D.

3:15 Surena Namdari, M.D.

3:20 **DISCUSSION and AUDIENCE VOTES NOW ON MOST INSTRUCTIVE CASE**

3:27 **Closing Remarks**

James C. Esch, M.D., Jon "J.P." Warner, M.D., and Larry D. Field, M.D.

3:30 **Adjourn**



2024 COURSE OBJECTIVES

Lecture Objectives:

Upon completion of this CME activity, participants will be able to:

- Identify strategies to improve practice and outcomes of shoulder arthroplasty, arthroscopy, reverse total shoulder prosthesis, instability, rotator cuff repair, shoulder fractures, and sports medicine.
- Identify opportunities to implement evidenced-based techniques into current practice.
- Identify options for the treatment of complex shoulder disorders.
- Identify strategies for improved surgical techniques and use of appropriate technology in the treatment of shoulder disorders.
- Identify approaches to improve assessment and management of shoulder disorders in the clinical and rehabilitative setting.
- Identify approaches to enhance the clinical diagnosis of shoulder disorders.
- Identify strategies to implement into the practice setting for immediate practice improvement and long-term patient outcome progression.

Laboratory Objectives:

Upon completion of this CME activity, participants will be able to:

- Discuss specific steps to perform a complete procedure as covered in the session. State specific strategies that will be implemented in the practice setting as a result of session participation to improve practice and/or patient outcomes.

TUITION

The physician registration fee of \$1,500 is inclusive of course lectures, select break-out sessions and meals and refreshments provided by the course. All other sessions require pre-registration and fees as detailed on the registration form.

REFUND

Refunds will be subject to a non-refundable \$100 processing fee. Requests for refunds must be received in writing at the San Diego Shoulder Institute office.

No refunds will be issued after March 31, 2024.

2024 CME ACCREDITATION

This activity has been planned and implemented in accordance with the Accreditation Council for Continuing Medical Education (ACCME) and the American Medical Association (AMA) standards. San Diego Shoulder Institute is accredited with commendation by the ACCME to provide continuing medical education for physicians. San Diego Shoulder Institute takes responsibility for the content, quality, and scientific integrity of this CME activity.

San Diego Shoulder Institute designates this live educational activity for a maximum of 24.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CME CREDITS FOR THIS COURSE ARE CALCULATED AS FOLLOWS

Lectures: 16.5 *AMA PRA Category 1 Credits™*

Cadaver Arthroscopic Surgical Lab: 3 *AMA PRA Category 1 Credits™*

Shoulder Arthroplasty Cadaver Lab:

3 *AMA PRA Category 1 Credits™*

Exclusive Personalized Instructional Cadaver Laboratory:

3 *AMA PRA Category 1 Credits™* per session



Special Break-Out Sessions:

1.5 *AMA PRA Category 1 Credit™* per session

- Large Rotator Cuff Tears: Releases, Repairs, Patches, Biceps Augmentation, SCR, Balloons, and Reverses: A Case-Based Symposium
- Management of Complex Instability: What to Do for the Toughest Cases?
- Shoulder Arthritis in the Young Adult: From Arthroscopy to Arthroplasty
- Stump the Experts: "Live" Examinations Featuring Essential Interdisciplinary Tips for "Mystery" Patients

2 *AMA PRA Category 1 Credits™* per session

- Focus Demonstration: When and How to Do Tendon Transfer
- Asian/North American Symposium on Rotator Cuff and Shoulder Instability Controversies: Conflict or Consensus? Innovations and Cutting-Edge Techniques for Managing Proximal Humerus Fractures in 2024
- Orthopedic Business Strategies: How to Stay Ahead of the Career Curve
- Revision Shoulder Arthroplasty: Challenges and Controversies
- Shoulder Instability: An International Perspective.
- Immersive Virtual Reality: Bending the Surgical Skill Curve

5 *AMA PRA Category 1 Credit™*

- American Shoulder and Elbow Surgeons Fellow Paper Presentations

SDSI would like to acknowledge Janus Events International for the onsite management of our course laboratories.

PATRONAGE



COMMERCIAL SUPPORT

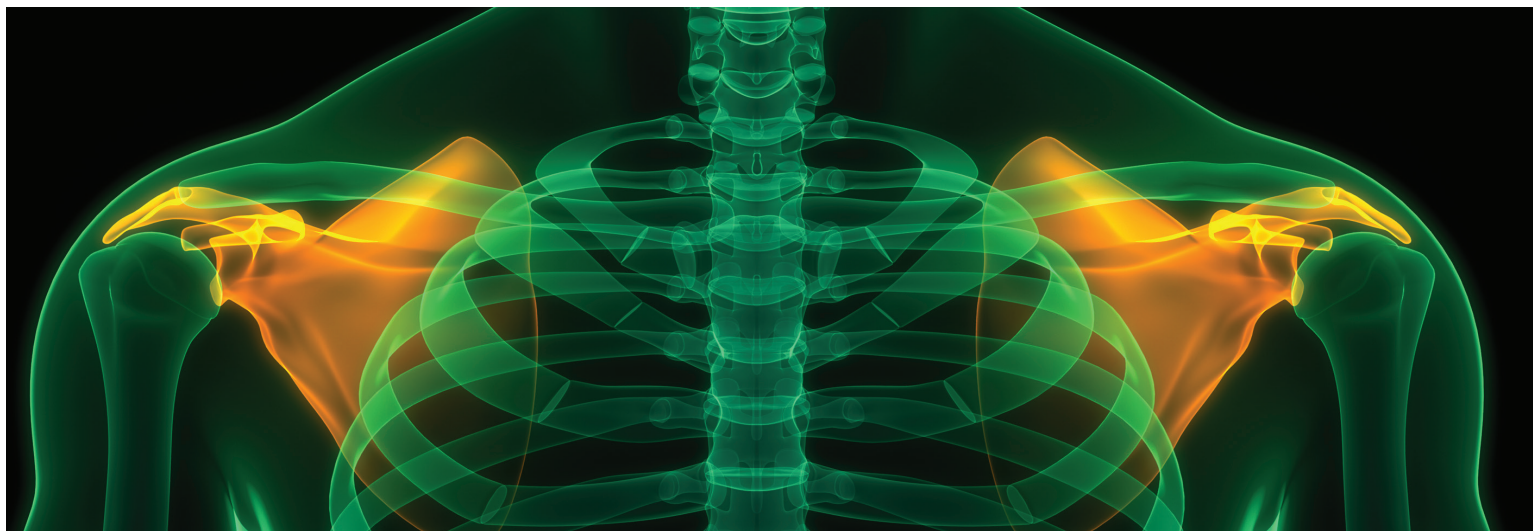
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Available September, 2024.

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San Diego Shoulder Institute designates this endured educational activity for a maximum of 24.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Date of Release: 9/01/24

Expiration Date: 9/01/25

LEARNING OBJECTIVES

Upon completion of this CME activity, participants will be able to:

- Identify strategies to improve practice and outcomes of shoulder arthroplasty, arthroscopy, reverse total shoulder prosthesis, instability, rotator cuff repair, and shoulder fractures.
- Identify opportunities to implement evidenced-based techniques into current practice.
- Identify options for the treatment of complex shoulder disorders.
- Identify strategies for improved surgical techniques and use of appropriate technology in the treatment of shoulder disorders.
- Identify approaches to improve assessment and management of shoulder disorders in the clinical and rehabilitative setting.
- Identify approaches to enhance the clinical diagnosis of shoulder disorders.
- Identify strategies to implement into the practice setting for immediate practice improvement and long-term patient outcome progression.

(Featuring: All course lectures, select break-out sessions, and cadaveric focus demonstration)

TO ORDER YOUR 2024 ENDURED COURSE

- Live Course registrants can purchase for a discounted rate of: \$350
- Non-course registrants go to **www.shoulder.com**
and click on the Endured Course Link: \$650

For additional information, please contact the
San Diego Shoulder Office at 951-695-6800 or
leslie@shoulder.com

DEPUY SYNTHES:

Title: Shoulder Arthroplasty Efficiency in Outpatient Surgery

Faculty: Emilie Cheung, M.D.
and William Ciccone, M.D.

Room 204A

Luncheon Workshops
12:00 – 1:00pm

DEPUY SYNTHES:

Title: State of the Art – Comprehensive Management of Complex to Massive Irreparable Rotator Cuff Tears
Description: Please join J&J MedTech Sports Medicine and our expert faculty, who will share the latest advancements in treating complex to irreparable rotator cuff tears.

Faculty: Grant Garrigues, M.D.,
Peter Chalmers, M.D.,
William Ciccone, M.D.,
Shariff K. Bishai, D.O.

Room 204A

ENOVIS:

Title: The rTSA Revolution Continues: AltiVate Reverse® Glenoid

Description: Introducing our AltiVate Reverse® Glenoid System, which incorporates the central screw fixation and lateralization of the RSP® Glenoid System and adds modularity to provide options for a wider variety of patients. Our panel of experts will walk through the new options available in this system, explain how they will be incorporated into the treatment algorithm for each patient, and provide the opportunity for hands-on demonstration of the instrumentation and technique.

Faculty: Surena Namdari, M.D.
and Eric Ricchetti, M.D.

Elevation 30

EXACTECH:

Title: Welcome to the Future: Letting Science & Data Guide Innovation

Description: Join our world class faculty as we provide insight into lessons learned over 20 years of proven clinical history. Our panel will debate significant innovations in:
*Glenoid Solutions *Humeral Bone Loss Solutions
*ExactechGPS Navigation *Machine Learning
*Soft Tissue Modeling

Faculty: Michael O'Brien, M.D.
(Chair), Oke Anakwenze, M.D.,
Peter Chalmers, M.D.,
Howard Routman, D.O.,
Scott Trenhaile, M.D.,
Evan Vellios, M.D., and
Michael Yip, M.D.

Room 202B

SMITH + NEPHEW:

Title: ASC Shoulder Arthroplasty: Innovation for Efficiency
Description: Join Expert Shoulder Faculty for an interactive session as they share how to successfully transition TSAs to the ASC. The panel will show how the AETOS Shoulder System is perfectly positioned for the ASC while discussing patient indications, outpatient joint program protocols, enabling technologies and more.

Faculty: Christopher Klifto, M.D.,
Scott Jacobson, M.D.,
Michael Freehill, M.D., and
James Kelly, M.D.

Room 202A

STRYKER:

Title: Do More for Fractures using Tornier Perform Humeral System-Fracture

Description: Join our esteemed faculty as they share key factors for consideration when selecting the best course of action for proximal humeral fractures. This will be an interactive session highlighting Tornier Perform Humeral System-Fracture with case sharing and discussion from our faculty.

Faculty: Michael Amini, M.D.,
Julie Bishop, M.D., and Robert
Hartlzer, M.D.

Room 204B

NOTES:

DEPUY SYNTHES:

Title: Latest shoulder innovations from J&J MedTech Sports Medicine

Description: Highlights Include Gryphon™ Flex Knotless Anchor, the Smallest Fully Biocomposite Anchor, and TIGHT-NTM Anchor – The Next Generation of Tendon Fixation for Biceps Tenodesis.

Faculty: Grant Garrigues, M.D., Mark Getelman, M.D.

Room 204A

Luncheon Workshops 12:00 – 1:00pm

ARTHREX:

Title: Arthrex Shoulder Arthroplasty Workshop: From Preoperative Planning to Successful Outcomes.

Faculty: Albert Lin, M.D., Patrick J. Denard, M.D., Justin W. Griffin, M.D., Evan S. Lederman, M.D.

Elevation 30

DEPUY SYNTHES:

Title: “To Repair or Reconstruct?” Mastering Complex Shoulder Instability, including Bone Loss.

Description: Join us for an interactive session where shoulder experts discuss Arthroscopic Bankart Repair with Remplissage, Open and Arthroscopic Latarjet, and Posterior and Anterior Arthroscopic Glenoid Reconstruction using DTA. Discover new J&J MedTech Sports Medicine technology and gain valuable tips and pearls from our experts.

Faculty: Grant Garrigues, M.D. and Peter Chalmers, M.D.

Room 204A

SMITH + NEPHEW:

Title: Exploring the World of REGENETEN

Description: Join Expert Shoulder Faculty as they explore the use of the REGENETEN biologic implant with a global lens. Through panel discussion, faculty will discuss patient indications, summarize more than ten years of compelling research, review surgical pearls, explore rehabilitation guidelines, and review global considerations for utilizing REGENETEN in shoulder repair.

Faculty: Ian Lo, M.D., Hiroyuki Sugaya, M.D., Scott Trenhaile, M.D., Michael O’Brien, M.D., Christopher Klifto, M.D.

Room 202A

STRYKER:

Title: Shoulder’s move to the ASC: whatever the case, we’ve got you covered

Description: Join Dr. Amini and Dr. Hartzler as they discuss their experience with shoulder sports medicine and arthroplasty procedures in the ASC setting. Stryker ASC has the resources to help you and your partners retrofit, expand, or build the ASC you need to grow your practice.

Faculty: Michael Amini, M.D. and Robert Hartzler, M.D.

Room 204B

ZIMMER BIOMET:

Title: Shoulder Arthroplasty in 2024: Cutting Edge Technology and Innovative Implant Solutions San Diego

Description: In this interactive session, Dr. Emilie Cheung will discuss Case Planning with Signature™ 2.0 and Comprehensive® Augmentation for the glenoid and Dr. Hafiz Kassam will discuss what makes the Identity™ Shoulder system unique in today’s landscape as it relates to joint tensioning, lateralization, head and sizing options along with a detailing of early case studies showcasing the utility of the Identity system for inset or onlay options.

Faculty: Emilie Cheung, M.D. and Hafiz Kassam, M.D.

Room 202B

ZIMMER BIOMET:

Title: Biologic Augmentation Solutions in the Shoulder San Diego

Faculty: Nirav Amin, M.D. and Amit Nathani

**Dinner Workshop
6:00 – 8:00pm Elevation 30**



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June 11 – 14, 2025 @ Hotel Del Coronado

June 10 – 13, 2026 @ Hotel Del Coronado



San Diego Shoulder