



AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS

Your Source for Lifelong Orthopaedic Learning



**Surgical
Skills!**

AAOS/AAHKS Advanced Surgical Techniques for Management of Knee Arthritis

October 11–12, 2013

Orthopaedic Learning Center, Rosemont, IL

Rafael J. Sierra, MD and Keith R. Berend, MD
Course Directors

This course is jointly sponsored by the American Academy of Orthopaedic Surgeons and the American Association of Hip and Knee Surgeons.

AAOS/AAHKS Total Hip Arthroplasty: From Primary to Revision

November 14–16, 2013

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Steven J. MacDonald, MD and Douglas E. Padgett, MD
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Course Directors

Rafael J. Sierra, MD

Keith R. Berend, MD

AAOS/AAHKS Advanced Surgical Techniques for Management of Knee Arthritis

October 11–12, 2013 • Orthopaedic Learning Center, Rosemont, IL

Faculty

Michael E. Berend, MD

Michael Bolognesi, MD

James A. Browne, MD

Henry D. Clarke, MD

Douglas A. Dennis, MD

Raymond H. Kim, MD

Carlos J. Lavernia, MD

David G. Lewallen, MD

Jay R. Lieberman, MD

Adolph V. Lombardi, Jr., MD

Tad M. Mabry, MD

Steven J. MacDonald, MD

Robert M. Meneghini, MD

Michael J. Morris, MD

Scott L. Myers, MD

Ryan Nunley, MD

William C. Schroer, MD

Giles R. Scuderi, MD

Scott M. Sporer, MD

Bryan D. Springer, MD

Bernard N. Stulberg, MD

Michael J. Taunton, MD

Please note:

Course faculty subject to change.



72% Surgical Skills

Gain valuable hands-on skills in the treatment of knee arthritis

This highly interactive course presents proven surgical techniques to treat knee arthritis and prevent and manage complications associated with primary and revision TKA. Spend more than half of your time in the cadaver lab working side-by-side with expert faculty as they guide you through varus-valgus releases, PCL balancing and flexion deformity tips.

Outside the lab, surgical lectures focus on the “how to”, while video and live faculty demonstrations emphasize technique. Panel discussions offer opportunities to challenge the faculty and review problematic cases. Stimulating discussions give you valuable solutions and insights into indications, techniques for primary and revision total knee arthroplasty, outcomes, and how to avoid complications.

Course highlights include:

- Flexion and extension balancing
- Infection TKA
- Antibiotic spacers
- Extensile approaches
- Gap balancing TKA
- Varus-valgus releases
- PCL balancing tips
- Flexion deformity tips

Who should take this course?

Orthopaedic surgeons who routinely provide care for patients with knee osteoarthritis.

At the conclusion of this course, learners should be able to:

- Formulate a treatment plan considering partial vs. total knee arthroplasty for patients with knee arthritis
- Improve their skills on surgical approaches and various knee joint exposure options for primary and revision knee arthroplasty
- Manage complications related to primary and revision total knee arthroplasty
- Identify the optimal approach to TKA implant and cement removal
- Determine which type of reconstruction should be considered based upon preoperative assessment for revision TKA
- Diagnose and manage knee instability and reconstructive strategies
- Diagnose and treat acute and chronic periprosthetic knee infections

How far will your skills advance in this course? **Test yourself and find out!**

Before participating in a key surgical skills lab, complete the ‘Performance Checklist’ to evaluate your skill at each stage of the procedure. Evaluate yourself again after the lab to find out exactly how far you have progressed. This distinctive AAOS CME offering creates the opportunity to reflect upon and pursue your desired performance level. Participation is voluntary and results are confidential.

All faculty members have disclosed potential conflicts of interest. These disclosures can be viewed online at www.aaos.org under ‘Member Services’.

The Academy would like to thank the American Association of Hip and Knee Surgeons for the many contributions made by its members in the presentation of this program. The Academy and orthopaedic specialty societies work together to provide orthopaedic surgeons with the highest quality educational programs and publications. This cooperative spirit among colleague organizations is an important resource and valuable asset for the orthopaedic community.

FRIDAY, OCTOBER 11

Pre-session Activities 6:30 am

- Registration and Breakfast
- Welcome and Course Overview

Morning 7:00 am – 12:30 pm

Surgical Treatment Of Knee Arthritis

CASE-BASED PANEL DISCUSSION

- Options for Treatment of Knee Arthritis: Uni, PF, TKA, UTO

LECTURE

- Outcomes of Unicompartmental Knee Arthroplasty and Osteotomy

PRE-RECORDED VIDEO DEMONSTRATION

- Fixed Bearing UKA

FACULTY SURGICAL DEMONSTRATION

- Mobile Bearing UKA

HANDS-ON SKILLS LAB

- Step by Step: How to do a Medial Uni

PRE-RECORDED VIDEO DEMONSTRATION

- Revision of UKA to TKA

HANDS-ON SKILLS LAB

- Revision of UKA to TKA

Working Lunch:

Preoperative Pearls and Templating

- The Tough Knee, The Complicated Patient
- Case-Based Discussion: Tough Primary TKA, Postraumatic Knee, Bilateral Knee With Deformity

Afternoon 12:30 pm – 4:50 pm

Advanced Techniques in Primary TKA

PRE-RECORDED VIDEO DEMONSTRATIONS

- Gap Balancing TKA
- Varus-Valgus Releases

- Cruciate Retaining TKA: PCL Balancing Tips and Techniques
- Flexion Deformity: Tips

Questions and Answers

HANDS-ON SKILLS LAB

- TKA

DEBATE SESSION

- Surgical Technique – What Works Best?
 - Navigation/CAOS for TKA
 - Customized Cutting Blocks
 - Traditional Surgical Instruments

Evening 5:00 pm – 7:00 pm

- Welcome Reception

SATURDAY, OCTOBER 12

Pre-session Activities 7:00 am

- Breakfast

Morning 7:30 am – 1:30 pm

Complex Primary TKA, Revision TKA and Management of TKA Complications

LECTURE

- Preoperative Planning for Revision TKA

PRE-RECORDED VIDEO DEMONSTRATIONS

- Flexion and Extension Balancing TKA
- Diagnosis, Treatment and Outcomes of an Infected TKA
- Antibiotic Spacers
- Extensile Approaches: Tibial Tubercle Osteotomy
- Implant Removal

HANDS-ON SKILLS LAB

- Revision TKA Exposure
- Revision TKA: Augments, Standard, Flexion, Gap Balancing
- Implant Removal

Working Lunch:

- Case-Based Discussion: Preventing and Managing Complications after TKA

Afternoon 1:30 pm – 5:00 pm

LECTURE

- Don't Forget the Patella: Advanced Techniques for Patellar Deficiency

PRE-RECORDED VIDEO DEMONSTRATION

- Management of Bone Defects: Augments and Cones

FACULTY SURGICAL DEMONSTRATION

- Monofilament Knitted Polypropylene Reconstruction of the Extensor Mechanism

HANDS-ON SKILLS LAB

- Defect Creation, Cones and Sleeves, Patellar Deficiencies

CME Credit: 13.5 Credits of Surgical Skills + **5.25 Credits** of Lecture and Case-Based Presentations = **18.75 Total Credits** of Category 1 CME

Course participants are required to complete an online evaluation form to receive CME credits.

AAOS members: Your transcript will list your CME credit for participation in this CME course approximately four weeks following the course.

Course Directors

Steven J. MacDonald, MD

Douglas E. Padgett, MD

AAOS/AAHKS Total Hip Arthroplasty: From Primary to Revision

November 14–16, 2013 • Orthopaedic Learning Center, Rosemont, IL

55% Surgical Skills

Faculty

William P. Barrett, MD

Michael Bolognesi, MD

Mathias P. G. Bostrom, MD

John J. Callaghan, MD

Craig J. Della Valle, MD

Douglas A. Dennis, MD

Donald S. Garbuz, MD

William L. Griffin, MD

Paul F. Lachiewicz, MD

Jay R. Lieberman, MD

Adolph V. Lombardi, Jr., MD

David W. Manning, MD

Joseph T. Moskal, MD

James J. Purtill, MD

Peter F. Sharkey, MD

Scott M. Sporer, MD

Edwin P. Su, MD

*Please note:
Course faculty subject to change.*



Explore current approaches to primary and revision hip arthroplasty

This intensive, hands-on surgical skills course provides a current approach to preoperative planning and execution of both primary and revision hip arthroplasty. Enhance your surgical skills and learn the latest techniques in hip reconstruction in a unique lab setting with small-group cadaveric sessions. Highlights include decision-making for managing postoperative problems, including fracture, dislocation, infection and algorithms for identifying adverse local tissue reactions.

Course highlights include:

- Matching patient characteristics with implant design choices and optimizing bearing options
- Discussion and demonstration of the direct anterior hip approach
- Surgical approaches to osteotomies of the femur to facilitate exposure and implantation
- Evaluation and management of bearing failure and trunnion wear

Who should take this course?

Orthopaedic surgeons looking for an update on surgical techniques, as well as those who might benefit from surgical tips and pearls to avoid problems in hip arthroplasty.

At the conclusion of this course, learners should be able to:

- Complete thorough preoperative planning for primary total hip arthroplasty including indications for fixation, bearing type and the current role for hip resurfacing
- Determine approach options for primary THR including direct anterior, anterolateral and posterior approach to the hip joint
- Improve skills used to perform an extensile incision for revision THR
- Identify and manage complications following hip arthroplasty including fracture, infection, dislocation, and adverse local reaction to bearings
- Manage the extent of bone loss and deformity in revision hip surgery
- Formulate strategies for management of the defects on both the femur and acetabulum

How far will your skills advance in this course? **Test yourself and find out!**

Before participating in a key surgical skills lab, complete the 'Performance Checklist' to evaluate your skill at each stage of the procedure. Evaluate yourself again after the lab to find out exactly how far you have progressed. This distinctive AAOS CME offering creates the opportunity to reflect upon and pursue your desired performance level.

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THURSDAY, NOVEMBER 14

Pre-Session Activities 4:30 pm

- Registration and Light Dinner
- Welcome and Course Overview

Evening 5:10 pm – 7:30 pm

LECTURES

- Preoperative Planning for Primary THR
- Preoperative Planning for Revision THA
- Options for Uncontained Defects: Bone, Wedges, Widgets
- Diagnosis and Management of Pelvic Dissociation
- Dealing with Femoral Defects – Prosthetic Choices

BEARING UPDATE LECTURES

- Crosslinked Poly's
- Ceramic Bearings
- Taper Issues

Discussion

FRIDAY, NOVEMBER 15

Pre-session Activities 6:30 am

- Breakfast

Morning 7:00 am – 1:10 pm

FACULTY VIDEO DEMONSTRATIONS

- Insertion of Pressfit Cementless Cup (Primary and Revision)
- Direct Anterior Approach for Primary THA
 - Insertion of Short Primary Stem
- Posterior Approach for Primary THA
- Insertion of Metaphyseal Filling Primary Stem
- Direct Lateral Approach for Primary THA
- Insertion of Narrow Tapered Primary Stem
- Surgical Approaches for Primary THR
- Extended Posterior Approach for Revision THA
- Extended Direct Lateral Approach for Revision THA
- Extended Direct Anterior Approach for Revision THA

HANDS-ON SKILLS LAB

- Extended Surgical Approaches for Revision THA
- Femoral Cement and Implant Removal

Working Lunch: Practice Efficiency

Afternoon 1:10 pm – 5:30 pm

FACULTY SURGICAL DEMONSTRATIONS

- Insertion of Monoblock Distal Fixation Revision Stem
- Insertion of Modular Tapered Revision Stem

HANDS-ON SKILLS LAB

- Insertion of Monoblock and Modular Femoral Revision Stems, Fix ETO

FACULTY SURGICAL DEMONSTRATIONS

- Posterior Pelvic Plating for Discontinuity

HANDS-ON SKILLS LAB

- Acetabular Reconstruction – Create Defects, Place Augments, Place Cage, Place Posterior Column Plate

FACULTY VIDEO DEMONSTRATION

- Cement Spacer for Infection
- Placement Cementless Cup and Metal Augment
- Placement of Acetabular Cage and Cup- Cage
- Acetabular Cages/Cup Cage Construct
- Removal of Well Fixed Cementless Cup

Evening 6:00 pm – 7:30 pm

- Welcome Reception

SATURDAY, NOVEMBER 16

Pre-Session Activities 7:00 am

- Breakfast

Morning 7:30 am – 11:30 am

CASE PRESENTATIONS – FEMORAL RECONSTRUCTION

- Periprosthetic Fractures
- Paprosky II-IV Defects
- Femoral Shortening for CDH
- THA after Proximal Femoral Fracture
- Dealing with Intraoperative Femoral Complications

CASE PRESENTATIONS – ACETABULAR RECONSTRUCTION

- Osteolysis
- Liner Exchange
- Paprosky II-IV Defects
- Dysplasia
- Post-irradiation Pelvis
- Post-trauma Reconstruction

CME Credit: 9 Credits of Surgical Skills + **7.5 Credits** of Lecture and Case-Based Presentations = **16.5 Total Credits** of Category 1 CME
Course participants are required to complete an online evaluation form to receive CME credits.

AAOS members: Your transcript will list your CME credit for participation in this CME course approximately four weeks following the course.

GENERAL INFORMATION

Refunds

Requests for a refund must be submitted in writing at the Academy office (AAOS, 6300 N. River Road, Rosemont, IL 60018-4262) at least one week prior to the course. Beyond this deadline, no monetary refund can be issued. Instead, we will issue a tuition credit toward another AAOS course held within one year. **In all instances, a \$100 processing fee will be charged.**

Refund Deadline

Course 3341	October 4, 2013
Course 3342	November 7, 2013

Housing Information

A block of rooms is available at the hotel for registrants. Please contact the phone number below to reserve your accommodations. All hotel reservation requests require an advance room deposit.

AAOS/AAHKS Advanced Surgical Techniques for Management of Knee Arthritis

Course 3341, Orthopaedic Learning Center, Rosemont, IL Hyatt Rosemont

6350 N. River Road
Rosemont, IL 60018

Phone: **1-888-421-1442** or **1-847-518-1234**

Housing Reservation Deadline	September 18, 2013
Room Rates: Single or Double occupancy	\$119 night, plus applicable taxes

Please specify that you will be attending the American Academy of Orthopaedic Surgeons **Total Knee Arthritis** course.

AAOS/AAHKS Total Hip Arthroplasty: From Primary to Revision

Course 3342, Orthopaedic Learning Center, Rosemont, IL Hyatt Rosemont

6350 N. River Road
Rosemont, IL 60018

Phone: **1-888-421-1442** or **1-847-518-1234**

Housing Reservation Deadline	October 22, 2013
Room Rates: Single or Double occupancy	\$119 night, plus applicable taxes

Please specify that you will be attending the American Academy of Orthopaedic Surgeons **Total Hip Arthroplasty** course.

Make Your Housing Reservation Now!

We cannot guarantee a room or special room rate for anyone who registers for the course after the housing deadline date. If the room block fills prior to the deadline, the hotel cannot guarantee availability and/or the special AAOS rate. To reserve your housing, go to www.aaos.org/3341 or www.aaos.org/3342, and click on the "Housing reservations online link".

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

The American Academy of Orthopaedic Surgeons designates this live activity for a maximum of 18.75 *AMA PRA Category 1 Credits* for Course 3341 and 16.5 *AMA PRA Category 1 Credits* for Course 3342. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Obtaining CME Credit

Course participants are required to complete an online evaluation form in order to receive CME credits. AAOS Members: Your CME transcript file will list your CME credits for participation in this CME course approximately four weeks following the course.

For More Information

For detailed course information, use any of these options:

- Call AAOS Customer Service at **1-800-626-6726**
- Outside the U.S., call **+1-800-823-7186**
- Go to the AAOS website, www.aaos.org/courses

Discounted Airfare

For air travel, contact CorpTravel Management (the AAOS official air travel coordinator) at **1-800-211-8016** or your preferred airline/travel site. Individuals traveling from outside the US and Canada will need to contact a travel agency or the airlines directly within their country. For additional housing and travel information, see the course web page.

IMPORTANT: Please DO NOT make airline reservations until you have your confirmed course registration from AAOS. Call AAOS Customer Service: 1-800-626-6726 with any questions.

Course Cancellation

AAOS reserves the right to cancel a course thirty (30) days prior to the course date. In the event a course has to be cancelled, we will notify registrants by email and will follow-up by phone, if we have a number available for you. AAOS will refund your course registration fee in full. However, other costs, such as airline or hotel penalties, are your responsibility.

Please Register Early!

AAOS courses are frequently oversubscribed. Deadlines and registration limits enable us to confirm your registration. If you have not received confirmation from the AAOS by mail or email prior to your departure for the course, please contact Customer Service at **1-800-626-6726**.

The Academy cannot be responsible for expenses incurred by an individual who is not confirmed and for whom space is not available at the course. Costs incurred by the registrant, such as airline or hotel penalties are the responsibility of the registrant.

Final Course Information

Find final course information on the AAOS website one month prior to the course date. This information will not be mailed. Go to www.aaos.org/3341 or www.aaos.org/3342, and click on "View Final Course Information."

Four easy ways to register!

1. Phone AAOS toll-free at 1-800-626-6726

Monday through Friday, 8:00 am to 5:00 pm, Central Time. Customers outside the U.S. and Canada, call +1-847-823-7186.

2. Fax your registration and credit card

information to 1-800-823-8025. Customers outside the U.S. and Canada, fax to +1-847-823-8025.

3. Online via the AAOS website at

www.aaos.org/courses; then select the course you wish to attend.

4. Mail your registration with check or credit

card information to AAOS, 6300 N. River Road, Rosemont, IL 60018-4262.

Tuition enclosed \$ _____

(U.S. Dollars, payable to American Academy of Orthopaedic Surgeons)

Print name and number that appear on mailing label:

Academy ID# _____

Name _____

Address _____

Address _____

City _____

State _____

Zip _____

Country _____

Work Telephone _____

Fax Number _____

Home Telephone _____

E-mail Address _____

☐ Visa

☐ MasterCard

☐ American Express

Credit Card Number _____

Expiration date _____

Credit Card Security Code _____



☐ Check here if ADA (Americans with Disabilities Act) accommodation is desired. An AAOS staff person will contact you.

REGISTRATION FORM

Course Tuition

Registration fee includes course materials, syllabus, breakfasts and refreshment breaks. Lunches are included for all full-day sessions of a course. Enrollment is limited to 96 participants for Course 3341 and Course 3342.

AAOS/AAHKS Advanced Surgical Techniques for Management of Knee Arthritis

Course #3341

October 11–12, 2013 • Orthopaedic Learning Center, Rosemont, IL

Check only one

- ☐ AAOS/AAHKS Member/Candidate Member/International Member\$1,645
- ☐ Nonmember Orthopaedic Surgeon/International Nonmember\$2,045
- ☐ AAOS/AAHKS Resident Member/Resident/
Post-residency Fellow/Military*\$1,445
- ☐ AAOS/AAHKS Emeritus Member\$1,645

* AAOS members in active U.S. military duty

AAOS/AAHKS Total Hip Arthroplasty: From Primary to Revision

Course #3342

November 14–16, 2013 • Orthopaedic Learning Center, Rosemont, IL

Check only one

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- ☐ Nonmember Orthopaedic Surgeon/International Nonmember\$2,045
- ☐ AAOS/AAHKS Resident Member/Resident/
Post-residency Fellow/Military*\$1,445
- ☐ AAOS/AAHKS Emeritus Member\$1,645

* AAOS members in active U.S. military duty

Participants in Academy surgical skills programs must have completed or be currently enrolled in a residency program accredited by either the Accreditation Council for Graduate Medical Education (ACGME) or the American Osteopathic Association (AOA). Surgeons from outside the United States are required to have similar residency program credentials.

Lab Partner Request

If you wish to request a specific course attendee as a lab partner, provide his or her full name here.

Priority Code: 2520

Enroll today! Call 1-800-626-6726

AAOS/AAHKS Advanced Surgical Techniques for Management of Knee Arthritis

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AAOS/AAHKS Total Hip Arthroplasty: From Primary to Revision

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6/13 40M Ver#1

AAOS/AAHKS Advanced Surgical Techniques for Management of Knee Arthritis

October 11–12, 2013

Orthopaedic Learning Center, Rosemont, IL

Course highlights include:

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