Fundamentals of Hip and Knee Arthroplasty for Orthopaedic Residents

Presented by AAOS, AAHKS, The Knee Society and The Hip Society

FINAL PROGRAM SCHEDULE

April 28 – 30, 2017
Rosemont, IL

R. Michael Meneghini, MD
Brett R. Levine, MD
Course Directors
Fundamentals of Hip and Knee Arthroplasty for Orthopaedic Resident #3043
presented by AAOS/AAHKS/The Hip Society/The Knee Society
April 28-30, 2017; Rosemont, IL

The American Academy of Orthopaedic Surgeons (AAOS), the American Association of Hip and Knee Surgeons (AAHKS), The Hip Society, and The Knee Society extend sincere appreciation to the following companies for their support of this program.

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- DePuy Synthes
- Stryker
- Zimmer Biomet

**Silver Level**
- Brainlab, Inc.

**Bronze Level**
- Corin USA
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**EQUIPMENT DONATIONS**

Brainlab, Inc.
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SCHEDULE

FRIDAY, APRIL 28

4:30 pm  Registration/Dinner/Exhibits (Registration Desk A and Foyer)

5:00  Welcome and Course Overview (Auditorium A/B)
R. Michael Meneghini, MD

TOTAL HIP REPLACEMENT
Moderator:  Brett R. Levine, MD

5:05  Small Group Case Discussion THA (Basic Principles)
Basic Osteoarthritis
Rheumatoid Arthritis
Osteonecrosis
Discussion Leaders:  Drs. Meneghini, Levine, Alden, Alish, Azzam, Beal, Bohnenkamp, Bottros, Cross, Hardt, Lareau, Lupo, Manning, Meisles, Murray, Nourbash, Pack, Rees, Sporer, Schinsky, Ting, Warth, Williams, Yousuf

5:45  Preoperative THA Planning and Templating
R. Michael Meneghini, MD

6:00  THA Stem Femoral Design – Fitting the Anatomy
Michael B. Cross, MD

6:15  Hip Template Session
Lab Leaders:  Brett R. Levine, MD and R. Michael Meneghini, MD
Lab Instructors:  Drs. Alden, Alish, Azzam, Beal, Bohnenkamp, Bottros, Cross, Hardt, Lareau, Lupo, Manning, Meisles, Murray, Nourbash, Pack, Rees, Sporer, Schinsky, Ting, Warth, Williams, Yousuf

7:30  Adjourn
SATURDAY, APRIL 29

FULL BREAKFAST IS AVAILABLE AT THE HAMPTON INN AND SUITES BEGINNING AT 6 AM FOR HOTEL GUESTS. COFFEE AND LIGHT PICKUP ITEMS ARE AVAILABLE AT THE COURSE

6:30 am  Exhibits (Auditorium A Foyer)

SURGICAL APPROACHES IN THA (Auditorium A/B)
Moderator: Brett R. Levine, MD

7:00 am  Surgical Anatomy of the Hip
Bryan J. Pack, MD

7:10  INTERACTIVE PRE-RECORDED DEMONSTRATION
Posterior Approach Hip
Drs. Mark F. Schinsky/John J. Bottros

7:20  INTERACTIVE PRE-RECORDED DEMONSTRATION
Direct Anterior Hip
Drs. David W. Manning/Kris J. Alden

7:30  Surgical Approaches – A Critique/Faculty Debate
Moderator: David W. Manning, MD
Panelist: Drs. Alden, Beal, Meisles, Lupo, Nourbash, Rees, Sporer

7:45  Lab Orientation

7:50  HANDS-ON SURGICAL SKILLS LAB
Surgical Approaches
Acetabular Preparation
Power Tools Skills
Lab Leaders: R. Michael Meneghini, MD and Brett R. Levine, MD
Lab Instructors: Drs. Alden, Alosh, Azzam, Beal, Bohnenkamp, Bottros, Cross, Hardt, Lareau, Lupo, Manning, Meisles, Murray, Nourbash, Pack, Rees, Sporer, Schinsky, Ting, Warth, Williams, Yousuf

10:00  Refreshment Break/Exhibits (Auditorium A Foyer)

10:15  Small Group Case Discussions THA (Auditorium A/B)
DDH
Post Traumatic Arthritis Hardware and Deformity
Childhood Hip Disease
Evaluation and Treatment of TJA Infection
Discussion Leaders: Drs. Meneghini, Levine, Alden, Alosh, Azzam, Beal, Bohnenkamp, Bottros, Cross, Hardt, Lareau, Lupo, Manning, Meisles, Murray, Nourbash, Pack, Rees, Sporer, Schinsky, Ting, Warth, Williams, Yousuf
11:30 Lunch/Exhibits *(Auditorium A Foyer)*  
Panel Discussion *(Auditorium A/B)*  
Life Lessons / How to Choose a Practice  
Moderator: *Brett R. Levine, MD*  
Panelist: *Drs. Bottros, Hardt, Meisles, Murray, Nourbash, Williams, Warth*

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<th>Time</th>
<th>Event</th>
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<tr>
<td><strong>12:30 pm</strong></td>
<td><strong>HANDS-ON SURGICAL SKILLS LAB</strong></td>
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<td>Femoral Components</td>
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<td>Anatomic Dissection of Hip Specimen</td>
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<td>Lab Leaders: <em>R. Michael Meneghini, MD and Brett R. Levine, MD</em></td>
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<td>Lab Instructors: *Drs. Alden, Alish, Azzam, Beal, Bohnenkamp, Bottros,</td>
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<td>Cross, Hardt, Lareau, Lupo, Manning, Meisles, Murray, Nourbash, Pack,</td>
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<td>Rees, Sporer, Schinsky, Ting, Warth, Williams, Yousuf*</td>
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**TOTAL KNEE REPLACEMENT** *(Auditorium A/B)*  
Moderator: *Lucian C. Warth, MD*

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<tr>
<td><strong>2:00</strong></td>
<td>Basic Principles of TKA</td>
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<td><em>Scott M. Sporer, MD</em></td>
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<td><strong>2:15</strong></td>
<td>Refreshment Break/Exhibits <em>(Auditorium A Foyer)</em></td>
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<td><strong>3:05</strong></td>
<td><strong>Small Group Case Discussion TKA</strong></td>
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<td>Indications – Non-operative Treatment and Preop Considerations</td>
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<td>Limb Alignment and Deformity</td>
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<td>Soft-Tissue Balance and Ligament Releases</td>
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<td>Patella Tracking and Resurfacing</td>
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<td>Discussion Leaders: *Drs. Meneghini, Levine, Alden, Alish, Azzam, Beal,</td>
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<td>Bohnenkamp, Bottros, Cross, Hardt, Lareau, Lupo, Manning, Meisles, Murray, Nourbash, Pack, Rees, Sporer, Schinsky, Ting, Warth, Williams, Yousuf*</td>
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<td><strong>4:00</strong></td>
<td>Panel Discussion: Perioperative Pain Management</td>
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<td>Moderator: <em>Matthew D. Beal, MD</em></td>
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<td>Panel: <em>Drs. Alden, Azzam, Bohnenkamp, Lareau, Manning, Murray, Warth</em></td>
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<td><strong>4:30</strong></td>
<td>Unicomparmental Knee Arthroplasty – Indications &amp; Surgical Principles</td>
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<td><em>Trevor G. Murray, MD</em></td>
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<td><strong>5:00</strong></td>
<td><strong>Knee Template Session</strong></td>
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<td>Lead Instructors: <em>R. Michael Meneghini, MD and Brett R. Levine, MD</em></td>
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<td>Instructors: <em>Drs. Alden, Alish, Azzam, Beal, Bohnenkamp, Bottros, Cross, Hardt, Lareau, Lupo, Manning, Meisles, Murray, Nourbash, Pack, Rees, Sporer, Schinsky, Ting, Warth, Williams, Yousuf</em></td>
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<td>Adjourn</td>
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SUNDAY, APRIL 30

FULL BREAKFAST IS AVAILABLE AT THE HAMPTON INN AND SUITES BEGINNING AT 6 AM FOR HOTEL GUESTS. COFFEE AND LIGHT PICKUP ITEMS ARE AVAILABLE AT THE COURSE

6:30 am Exhibits (Auditorium A Foyer)

PRINCIPLES OF TOTAL KNEE REPLACEMENT (Auditorium A/B)
Moderator: Brett R. Levine, MD
7:00 am PRE-RECORDED VIDEO DEMONSTRATION
Gap Balancing and Measured Resections
Video by: James I. Huddleston, III, MD

7:30 hands-on surgical skills lab
Surgical Exposures
Primary Total Knee
Lab Leaders: R. Michael Meneghini, MD and Brett R. Levine, MD
Lab Instructors: Drs. Alden, Alish, Azzam, Beal, Bohnenkamp, Bottros, Cross, Hardt, Lareau, Lupo, Manning, Meisles, Murray, Nourbash, Pack, Rees, Sporer, Schinsky, Ting, Warth, Williams, Yousuf

9:30 small group case discussions (Auditorium A/B)
Severe Valgus
Extra-Articular Deformity
Previous Hardware
Obesity
Discussion Leaders: Drs. Meneghini, Levine, Alden, Alosh, Azzam, Beal, Bohnenkamp, Bottros, Cross, Hardt, Lareau, Lupo, Manning, Meisles, Murray, Nourbash, Pack, Rees, Sporer, Schinsky, Ting, Warth, Williams, Yousuf

11:15 lunch symposium/exhibits: TKA Complication Avoidance and Management
Wound Closure / Drainage / Infection
Intra-operative MCL Disruption
Extensor Mechanism Disruption
Moderator: R. Michael Meneghini, MD
Panel: Drs. Alden, Bottros, Cross, Lareau, Murray, Nourbash, Sporer, Ting

12:30 pm hands-on surgical skills lab
Advanced and Extensile Exposures
Complete Knee Dissection
Lab Leaders: R. Michael Meneghini, MD and Brett R. Levine, MD
Lab Instructors: Drs. Alden, Alish, Azzam, Beal, Bohnenkamp, Bottros, Cross, Hardt, Lareau, Lupo, Manning, Meisles, Murray, Nourbash, Pack, Rees, Sporer, Schinsky, Ting, Warth, Williams, Yousuf

3:00 Adjourn
DIRECTORS

R. Michael Meneghini, MD
Indiana University School of Medicine
Fishers, IN

Dr. Meneghini’s orthopedic practice is specialized to adult hip and knee reconstruction, which includes total hip and knee replacement, partial knee replacement, outpatient joint replacement, computer-assisted and minimally invasive surgical techniques. Dr. Meneghini has a special interest in clinical and biomechanical orthopedic research. He is the author of over 75 scientific articles on hip and knee replacement, is invited faculty on numerous international educational courses and is a member of the prestigious Hip and Knee Societies. Dr. Meneghini has won several awards, which include the Career Development Award from the Orthopaedic Research and Education Foundation and the prestigious Mark Coventry award for the outstanding fellow in Hip and Knee Adult Reconstruction at Mayo Clinic. Dr. Meneghini was awarded the Early Career Achievement Award from Indiana University School of Medicine in recognition of distinguished early career achievement in the medical profession. Dr. Meneghini was most recently named in the “Top 22 Knee Surgeons in North America” by Orthopedics This Week and was awarded a Career Achievement Award in 2015 by his engineering undergraduate alma mater, Rose-Hulman Institute of Technology.

Brett R. Levine, MD
Rush University Medical Center
Chicago, IL

Dr. Levine joined Midwest Orthopaedics at Rush August 1, 2008. His practice focuses on complex primary and revision hip and knee reconstructions, as well as less invasive total joint replacement surgery. A medical graduate of Georgetown University School of Medicine, Dr. Levine completed his orthopedic residency at the NYU Hospital for Joint Diseases. Combined with his Adult Reconstructive Fellowship at Rush University Medical Center, Dr. Levine has trained at two of the top ten orthopedic hospitals in the nation. Through his continued affiliation with Midwest Orthopaedics at Rush, Dr. Levine looks to advance his research in joint replacement technology including the latest minimally invasive techniques, porous biomaterials, and partial knee replacement technology. He is an active member of the American Academy of Orthopaedic Surgeons, the American Association of Hip and Knee Surgeons, and the Mid-America Orthopaedic Association.
FACULTY

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