DAILY SCHEDULE

THURSDAY, NOVEMBER 19

5:30 pm  Registration  *(OLC Registration Desk)*
Light Dinner

6:00  Welcome and Course Overview *(Auditorium)*
*R. Michael Meneghini, MD and Michael Bolognesi, MD*

TREATMENT OF KNEE ARTHRITIS
Moderator:  *Michael Bolognesi, MD*  *(Auditorium)*

6:05  50,000 Foot Overview of UKA and TKA Results
*John J. Callaghan, MD*

6:25  **PRE-RECORDED VIDEO DEMONSTRATION**
Fixed Bearing UKA
*Ryan Nunley, MD*

6:33  **PRE-RECORDED VIDEO DEMONSTRATION**
Mobile Bearing UKA
*Adolph V. Lombardi, Jr., MD*

6:51  **PRE-RECORDED VIDEO DEMONSTRATION**
Revision of UKA to TKA
*William C. Schroer, MD*

7:00  Introduction to Small Group Process
*R. Michael Meneghini, MD*

7:05  **SMALL GROUP DISCUSSION BREAKOUTS (4 Case Examples)**
Options for Treatment of Knee Arthritis: Uni, Patellofemoral, TKA
Moderator:  *R. Michael Meneghini, MD*
Faculty:  *Michael Bolognesi, MD, James A. Browne, MD,*
*John J. Callaghan, MD, Henry D. Clarke, MD, Paul F. Lachiewicz, MD, David G. Lewallen, MD, Adolph V. Lombardi Jr., MD, R. Michael Meneghini, MD*
*Charles L. Nelson, MD, Ryan Nunley, MD, Gregory G. Pfolkowski II, MD,*
*William C. Schroer, MD, Scott M. Sporer, MD, Bernard N. Stulberg, MD, and Samuel S. Wellman, MD*
7:45  **CASE-BASED PANEL DISCUSSION**
Preoperative Pearls and Templating: Complex Primary TKA, Posttraumatic Knee, Bilateral Knee with Deformity
Moderator:  **R. Michael Meneghini, MD**
Faculty Panel:  **Drs. Clarke, Callaghan, Nunley, Schroer, and Stulberg**

8:05  **PRE-RECORDED VIDEO DEMONSTRATION**
Gap Balancing TKA
**Samuel S. Wellman, MD**

8:15  **PRE-RECORDED VIDEO DEMONSTRATION**
Varus-Valgus Releases
**Henry D. Clarke, MD**

8:25  Review
**R. Michael Meneghini, MD**

8:30  Adjourn
FRIDAY, NOVEMBER 20

6:30 am Breakfast

6:55 Welcome and Announcements
   Michael Bolognesi, MD

7:00 PRE-RECORDED VIDEO DEMONSTRATION
   Cruciate Retaining TKA: PCL Balancing Tips and Techniques
   TBD

7:10 PRE-RECORDED VIDEO DEMONSTRATION
   Flexion Deformity: Tips
   David G. Lewallen, MD

7:20 PRE-RECORDED VIDEO DEMONSTRATION
   Robotic Assisted TKA
   R. Michael Meneghini, MD

7:30 HANDS-ON SURGICAL SKILLS LAB
   Medial Unicompartmental Knee Arthroplasty
   Lab Leader: R. Michael Meneghini, MD
   Lab Faculty: Michael Bolognesi, MD, James A. Browne, MD,
      John J. Callaghan, MD, Henry D. Clarke, MD, Paul F. Lachiewicz, MD, David
      G. Lewallen, MD, Adolph V. Lombardi Jr., MD, R. Michael Meneghini, MD
      Charles L. Nelson, MD, Ryan Nunley, MD, Gregory G. Polkowski II, MD,
      William C. Schroer, MD, Scott M. Sporer, MD, Bernard N. Stulberg, MD, and
      Samuel S. Wellman, MD

8:50 Refreshment Break

9:00 UKA Complications and Technique Review: Common Pitfalls and Tips
   (Talk to be given in the lab)- R. Michael Meneghini, MD

9:15 HANDS-ON SURGICAL SKILLS LAB
   Total Knee Arthroplasty
   Lab Leader: Michael Bolognesi, MD
   Lab Faculty: Michael Bolognesi, MD, James A. Browne, MD,
      John J. Callaghan, MD, Henry D. Clarke, MD, Paul F. Lachiewicz, MD, David
      G. Lewallen, MD, Adolph V. Lombardi Jr., MD, R. Michael Meneghini, MD
      Charles L. Nelson, MD, Ryan Nunley, MD, Gregory G. Polkowski II, MD,
      William C. Schroer, MD, Scott M. Sporer, MD, Bernard N. Stulberg, MD, and
      Samuel S. Wellman, MD

11:15 Lunch
11:30 Lunchtime Debate Session: (5 minute Talks followed by discussion)
Controversial TKA Topics
Moderator: Paul Lachiewicz, MD

Cementless TKA? – R. Michael Meneghini, MD
Bi-Cruciate Sparing TKA? – Adolph V. Lombardi, Jr., MD
Bundled Payments in TKA - John J. Callaghan, MD
Kinematic Alignment – Ryan Nunley, MD

12:00pm PRE-RECORDED VIDEO DEMONSTRATION
Bi-Cruciate Sparring TKA
Adolph V. Lombardi, Jr., MD

COMPLEX PRIMARY TKA, REVISION TKA AND MANAGEMENT OF TKA COMPLICATIONS
Moderator: Ryan Nunley, MD

12:10 Preoperative Planning for Revision TKA
R. Michael Meneghini, MD

12:20 PRE-RECORDED VIDEO DEMONSTRATION
Extensile Approaches for Revision TKA
Scott M. Sporer, MD

12:26 PRE-RECORDED VIDEO DEMONSTRATION
Implant Removal
Bernard N. Stulberg, MD

12:32 PRE-RECORDED VIDEO DEMONSTRATION
Concepts in Revision TKA: Stem Fixation (Cemented and Press Fit)
TBD

12:38 PRE-RECORDED VIDEO DEMONSTRATION
Concepts in Revision TKA: Stability
James A. Browne, MD

12:44 PRE-RECORDED VIDEO DEMONSTRATION
Management of Bone Defects: Sleeves, Augments and Cones… All of the Options
David G. Lewallen, MD

12:50 SMALL GROUP BREAK OUT SESSIONS - See badge color for group assignments
Revision TKA Topics
Michael Bolognesi, MD, James A. Browne, MD, John J. Callaghan, MD, Henry D. Clarke, MD, Paul F. Lachiewicz, MD, David G. Lewallen, MD, Adolph V. Lombardi Jr., MD, R. Michael Meneghini, MD Charles L. Nelson, MD, Ryan Nunley, MD, Gregory G. Polkowski II, MD, William C. Schroer, MD, Scott M. Sporer, MD, Bernard N. Stulberg, MD, and Samuel S. Wellman, MD
1:30

HANDS-ON SURGICAL SKILLS LAB
Revision TKA Exposure
Revision TKA: Implant Removal, Fixation Strategies, Constraint
Lab Leader: Charles L. Nelson, MD
Lab Faculty: Michael Bolognesi, MD, James A. Browne, MD, John J. Callaghan, MD, Henry D. Clarke, MD, Paul F. Lachiewicz, MD, David G. Lewallen, MD, Adolph V. Lombardi Jr., MD, R. Michael Meneghini, MD, Charles L. Nelson, MD, Ryan Nunley, MD, Gregory G. Polkowski II, MD, William C. Schroer, MD, Scott M. Sporer, MD, Bernard N. Stulberg, MD, and Samuel S. Wellman, MD

3:00

Refreshment Break

3:15

HANDS-ON SURGICAL SKILLS LAB
Defect Creation, Cones and Sleeves, Patellar Deficiencies
Cement Removal Stations with Sawbones
Lab Leader: Gregory G. Polkowski II, MD
Lab Faculty: Michael Bolognesi, MD, James A. Browne, MD, John J. Callaghan, MD, Henry D. Clarke, MD, Paul F. Lachiewicz, MD, David G. Lewallen, MD, Adolph V. Lombardi Jr., MD, R. Michael Meneghini, MD, Charles L. Nelson, MD, Ryan Nunley, MD, Gregory G. Polkowski II, MD, William C. Schroer, MD, Scott M. Sporer, MD, Bernard N. Stulberg, MD, and Samuel S. Wellman, MD

5:00 pm
Adjourn
SATURDAY, NOVEMBER 21
SATURDAY MORNING LIVE

7:30 am  Registration and Breakfast

TKA CONCEPTS
Welcome and Announcements: Michael Bolognesi, MD
Web Moderator: Henry D. Clarke, MD

8:00  Current Concepts in TKA: (5 minute Talks followed by discussion)
Moderator: William C. Schroer, MD

Navigation in TKA? – Bernard N. Stulberg, MD
Custom Guides in TKA? – Ryan Nunley, MD
Robotic-Assisted TKA – R. Michael Meneghini, MD
Outpatient Total Knee Arthroplasty – Adolph V. Lombardi, Jr., MD
Bearing Surface Options in TKA- Paul F. Lachiewicz, MD

TKA INFECTION, RESURFACING AND REPLACEMENT
Moderator: Ryan Nunley, MD

8:40  Evaluating the Painful TKA: From Aseptic Loosening to Infection
Charles L. Nelson, MD

8:50  The Treatment of Infection in TKA: From I & D to Two-Stage Revision
Scott M. Sporer, MD

8:55  PRE-RECORDED VIDEO DEMONSTRATION
I and D and Liner Exchange with Antibiotics Beads
Henry D. Clarke, MD

9:00  PRE-RECORDED VIDEO DEMONSTRATION
Static Spacer: Only Option when there is Bone Loss?
James A. Browne, MD

9:05  PRE-RECORDED VIDEO DEMONSTRATION
Cement Spacer Construction: Injectable Molds
Adolph V. Lombardi, Jr., MD

9:10  PRE-RECORDED VIDEO DEMONSTRATION
Autoclave the Femur and Open a Poly
Samuel S. Wellman, MD
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9:15  **PRE-RECORDED VIDEO DEMONSTRATION AND TALK**
Extensor Mechanism Options: From Allograft to Mesh
*James A. Browne, MD*

9:25  Refreshment Break

9:40  **PRE-RECORDED VIDEO DEMONSTRATION**
Resurfacing Hinge TKA Revision, When is Constraint Not Enough?
*David G. Lewallen, MD*

9:50  **PRE-RECORDED VIDEO DEMONSTRATION**
Distal Femoral Replacement: Heavy Metal
*Gregory G. Polkowski II, MD*

10:00  Practice Management Issues Debate: Hot Topics
Moderator: *Michael Bolognesi, MD*
1. Multi Modal Pain Programs and Rapid Recovery-*Henry D. Clarke, MD*
2. Practice Efficiency-*Adolph V. Lombardi, Jr., MD*
3. EMR Implementation and Management- *Bernard N. Stulberg, MD*
4. ICD-10 Update for Total Joint Surgeons?-*James A. Browne, MD*

11:00  Adjourn
COURSE DIRECTORS
Michael Bolognesi, MD
Course Director
Duke University School of Medicine
Durham, NC

R. Michael Meneghini, MD
Indiana University Health Physicians
Fishers, IN

FACULTY
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Mayo Clinic
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Senior Surgical Skills Coordinator

Ben Varnau
Electronic Media Producer
AAOS/AAHKS Advanced Surgical Techniques for Management of Knee Arthritis - (Product Number 1503341)

Michael Bolognesi, MD  Director  Submitted on: 05/22/2015
Amedica: Stock or stock Options; Unpaid consultant
American Association of Hip and Knee Surgeons: Board or committee member
AOA: Other financial or material support
Arthroplasty Today: Editorial or governing board
Biomet: IP royalties; Paid presenter or speaker; Research support
DePuy, A Johnson & Johnson Company: Research support
Eastern Orthopaedic Association: Board or committee member
Journal of Arthroplasty: Editorial or governing board
Journal of Surgical Orthopaedic Advances: Editorial or governing board
Kinamed: Paid presenter or speaker
TJO: Paid consultant; Stock or stock Options
Zimmer: IP royalties; Paid consultant; Paid presenter or speaker; Research support

James Andrew Browne, MD  Faculty  Submitted on: 08/05/2015
American Journal of Orthopedics: Editorial or governing board
Biocomposites Ltd: Paid consultant
DJ Orthopaedics: Paid consultant
Ethicon: Paid consultant
Journal of Arthroplasty: Editorial or governing board

John J Callaghan, MD  Faculty  Submitted on: 04/22/2015
DePuy, A Johnson & Johnson Company: IP royalties; Paid consultant
International Hip Society: Board or committee member
Journal of Arthroplasty: Editorial or governing board
Journal of Arthroplasty (Deputy Editor): Publishing royalties, financial or material support
Knee Society: Board or committee member
Orthopaedic Research and Education Foundation: Board or committee member
Wolters Kluwer Health - Lippincott Williams & Wilkins: Publishing royalties, financial or material support

Henry D Clarke, MD  Faculty  Submitted on: 04/02/2015
AAOS, Knee Society, International Congress for Joint Reconstruction, BOS: Board or committee member
ConforMIS: IP royalties; Paid consultant; Unpaid consultant
Journal of Arthroplasty: Editorial or governing board
Journal of Knee Surgery: Editorial or governing board
Journal of the American Academy of Orthopaedic Surgeons: Editorial or governing board; Publishing royalties, financial or material support
Knee: Editorial or governing board
Stryker: Research support
VIDACARE: Research support

Joanna Curry  Staff  Submitted on: 10/27/2014
(This individual reported nothing to disclose)
AAOS/AAHKS Advanced Surgical Techniques for Management of Knee Arthritis - (Product Number 1503341)

Elizabeth Durham  Staff  (This individual reported nothing to disclose);  Submitted on: 04/02/2015

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Hip Society: Board or committee member
Journal of Arthroplasty: Editorial or governing board
Stryker: IP royalties; Paid consultant; Research support

Paul F Lachiewicz, MD  Faculty  Submitted on: 08/09/2015
Gerson Lehrman Group: Paid consultant
Guidepoint Global Advisors: Paid consultant
Hip Society: Board or committee member
Innomed: IP royalties
Journal of Arthroplasty: Editorial or governing board
Journal of Surgical Orthopaedic Advances: Editorial or governing board
Mallinckrodt (formerly Cadence): Paid presenter or speaker
Orthopaedic Surgery & Trauma Society: Board or committee member
Pacira: Paid consultant; Paid presenter or speaker
Zimmer: Research support

David G Lewallen, MD  Faculty  Submitted on: 09/28/2015
Acuitive: Stock or stock Options
American Joint Replacement Registry: Board or committee member
Ketai Medical Devices: Stock or stock Options; Unpaid consultant
Link Orthopaedics: Paid consultant
Mako/Stryker: IP royalties
Orthopaedic Research and Education Foundation: Board or committee member
Pipeline: IP royalties
pipeline biomedical holdings: Paid consultant
Zimmer: IP royalties; Paid consultant; Paid presenter or speaker
AAOS/AAHKS Advanced Surgical Techniques for Management of Knee Arthritis - (Product Number 1503341)

Adolph V Lombardi Jr, MD Faculty Submitted on: 09/16/2015
Clinical Orthopaedics and Related Research: Editorial or governing board
Hip Society: Board or committee member
Innomed: IP royalties
Journal of Arthroplasty: Editorial or governing board
Journal of Bone and Joint Surgery - American: Editorial or governing board
Journal of Orthopaedics and Traumatology: Editorial or governing board
Journal of the American Academy of Orthopaedic Surgeons: Editorial or governing board
Kinamed: Research support
Knee: Editorial or governing board
Knee Society: Board or committee member
Mount Carmel Education Center at New Albany: Board or committee member
Operation Walk USA: Board or committee member
Orthosensor: IP royalties; Paid consultant; Research support
Pacira Pharmaceuticals, Inc.: Paid consultant; Research support
Surgical Technology International: Editorial or governing board
Zimmer Biomet: IP royalties; Paid consultant; Research support

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R Michael Meneghini, MD Co-Director Submitted on: 09/29/2015
Journal of Arthroplasty: Editorial or governing board
Knee Society: Board or committee member
Stryker: IP royalties; Paid consultant; Research support

Howard Mevis Staff Submitted on: 04/02/2015
Bristol-Myers Squibb: Stock or stock Options
GE Healthcare: Stock or stock Options
Orthopaedic Learning Center: Board or committee member

Ellen Moore Staff (This individual reported nothing to disclose); Submitted on: 04/10/2015

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American Association of Hip and Knee Surgeons: Board or committee member
J. Robert Gladden Society: Board or committee member
Zimmer: Paid consultant

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AAOS/AAHKS Advanced Surgical Techniques for Management of Knee Arthritis - (Product Number 1503341)

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American Association of Hip and Knee Surgeons: Board or committee member
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Biomet: Research support
Blue Belt Technology: Paid consultant
Cardinal Health: Paid consultant
DePuy, A Johnson & Johnson Company: Paid consultant; Research support
Integra Sciences: Paid consultant
Medical Compression Systems, Inc.: Research support
Medtronic: Paid consultant
Microport: IP royalties; Paid consultant
Missouri State Orthopaedic Association Board Member: Board or committee member
Polaris: Paid consultant
Smith & Nephew: Paid consultant; Research support
Southern Orthopaedic Association Board Member: Board or committee member
Stryker: Research support

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Johnson & Johnson: Stock or stock Options

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American Association of Hip and Knee Surgeons: Board or committee member

**William C Schroer, MD Faculty** Submitted on: 05/28/2015
Biomet: Paid presenter or speaker; Research support

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**Scott M Sporer, MD Faculty** Submitted on: 09/09/2015
American Joint Replacement Registy: Board or committee member
Central DuPage Hospital: Research support
Hip Society: Board or committee member
Pacira: Paid consultant
SLACK Incorporated: Publishing royalties, financial or material support
Smith & Nephew: Paid consultant
Stryker: Research support
Zimmer: Paid consultant; Research support
AAOS/AAHKS Advanced Surgical Techniques for Management of Knee Arthritis - (Product Number 1503341)

**Bernard N Stulberg, MD Faculty** Submitted on: 04/30/2015
Corin U.S.A.: Research support
Exactech, Inc: IP royalties; Paid consultant
Journal of Arthroplasty: Editorial or governing board
Medtronic: Paid presenter or speaker
Pacira: Paid presenter or speaker

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**Samuel Secord Wellman, MD Faculty** Submitted on: 05/08/2015
Biomet: Research support
DePuy, A Johnson & Johnson Company: Research support
Journal of Arthroplasty: Editorial or governing board
Stryker: Research support
Total Joint Orthopaedics: Paid consultant
Zimmer: Research support