SCHEDULE
THURSDAY, MARCH 22

3:30 pm  Registration (Registration Desk B)
          Refreshments & Snacks

4:00    Welcome and Course Overview (Auditorium B/C)
        Henry D. Clarke, MD

SURGICAL TREATMENT OF KNEE ARTHRITIS: UNICOMPARTMENTAL ARTHROPLASTY
Moderator: Henry D. Clarke, MD

4:05    Patient Selection for UKA: What Does The Data Tell Us?
        Scott Sporer, MD

4:15    PRE-RECORDED VIDEO DEMONSTRATION
        Medial Compartment UKA
        Michael Berend, MD

4:30    PRE-RECORDED VIDEO DEMONSTRATION
        Patellofemoral Arthroplasty
        Jess Lonner, MD

4:45    UKA Complications & Common Pitfalls
        Dennis Nam, MD

5:00    Questions & Answers

5:10    SMALL GROUP BREAKOUT DISCUSSIONS (need details here)
        Moderator: Henry D. Clarke, MD
        Knee OA Options: UKA, PFA, TKA and Various Designs
        Discussion Leaders: TBD

5:50    Refreshment Break (Auditorium B/C Foyer)

PERI-OPERATIVE PATIENT OPTIMIZATION IN KNEE ARTHROPLASTY
Moderator: James A. Browne, MD

6:00    Patient Optimization for Knee Arthroplasty: What issues are important?
        Ryan Nunley, MD

6:10    A Practical Blood Management Strategy to Avoid Transfusions
        Antonia F. Chen, MD, MBA
6:20      A Contemporary Multi-Modal Approach To Post-Op Pain Management  
          R. Michael Meneghini, MD

6:30      DVT Prophylaxis in 2018: Risk Stratification  
          Mark J. Spanghel, MD

6:40      Audience Questions & Answers

6:50pm    Announcements & Adjourn  
          Henry D. Clarke, MD

           Dinner and Drinks Served

7:00-8:00pm  SPOTLIGHT* TBD

* Industry Spotlight Sessions are Non-CME; Views and Products Are Not Endorsed by AAOS, AAHKS, or The Knee Society
You are encouraged to have breakfast prior to arriving at the course; coffee and light pick up items such as granola/protein bars and whole fruit will be available each morning.

6:55 am  Welcome and Lab Announcements (Auditorium B/C)

James A. Browne, MD

SURGICAL TREATMENT OF KNEE ARTHRITIS: UNICOMPARTMENTAL ARTHROPLASTY
Moderator: TBD

7:00  PRE-RECORDED VIDEO DEMONSTRATION (Auditorium B/C)
Robotic Assisted UKA
Jess Lonner, MD

7:15 – 8:15  HANDS-ON SURGICAL SKILLS LAB (Lab B)
Introduction: James A. Browne, MD
1. Medial Unicompartmental Knee Arthroplasty
2. PF Arthroplasty
Mechanical Instruments/PSI/Robotic Assisted
Lab Leaders: Lab Leaders: Henry D. Clarke and James A. Browne, MD
Lab Instructors: All Faculty

8:15  Refreshment Break (Auditorium B/C Foyer)

TKA FUNDAMENTALS (Auditorium B/C)
Moderator: TBD

8:30  Measured Resection vs Gap Balancing TKA: Don’t We All Balance the Gaps?
Matt Abdel, MD

8:40  Varus-Valgus Releases
Henry D. Clarke, MD
8:50 The Complex Primary TKA: Dealing with old Incisions/Hardware & Deformity
  *Steven MacDonald, MD*

9:00 TKA in the Obese Patient
  *James A. Browne, MD*

9:10 **PRE-RECORDED VIDEO DEMONSTRATION** (Auditorium B/C)
  Conversion of UKA to TKA
  *David Backstein, MD*

9:25 **LIVE DEMO**
  Robotic TKA
  *Antonia Chen, MD*

9:55 Audience Questions & Review

10:15-11:15 **HANDS-ON SURGICAL SKILLS LAB** (Lab B)
  Primary Total Knee Arthroplasty
  Mechanical Instruments Lab Leaders: *Henry D. Clarke and James A. Browne, MD*
  Lab Instructors: *All Faculty*

11:15-12:15 **HANDS-ON BREAKOUT SESSIONS NEED DETAILS**
  Patient Specific Instrumentation, Robotics, Navigation, Custom, etc

  *Course participants will have the opportunity to visit several stations to learn about different patient specific instrumentation as well as robotic-assisted surgery.*

**LUNCH / CONTROVERSIAL TKA TOPICS AND PANEL DISCUSSION** (Auditorium B/C)
  Moderator: *TBD*

12:15 Cementless TKA -- *R. Michael Meneghini, MD* (5 mins)
  Component Rotation in TKA – *David Backstein, MD* (5 mins)
  Metal Allergy in TKA -- *Henry D. Clarke, MD* (5 mins)
  Bicruciate Preserving TKA -- *Chris Pelt, MD* (5 mins)

12:35 Panel Discussion

**REVISION TKA: CORE CONCEPTS**
  Moderator: *Mark J. Spangehl, MD*

12:45 Evaluation of the Painful TKA
  *Henry D. Clarke, MD*

12:55 Basic Principles and Planning for Revision TKA
  *Stephen MacDonald, MD*

1:05 Extensile Approaches for Revision TKA
  *David Backstein, MD*
1:15 Stem Fixation in Revision TKA: Cemented or Pressfit
Christopher Pelt, MD

1:25 Choosing the Level of Constraint in Revision TKA
David Lewallen, MD

1:35 Audience Questions & Review

REVISION TKA: VIDEO HIGHLIGHTS-MANAGEMENT OF BONE LOSS
Moderator: TBD

1:45 PRE-RECORDED VIDEO DEMONSTRATION
Management of Bone Defects: Porous Tantalum Cones
David Lewallen, MD

1:55 PRE-RECORDED VIDEO DEMONSTRATION
Management of Bone Defects: Modular Sleeves
TBD

2:05 PRE-RECORDED VIDEO DEMONSTRATION
Management of Bone Defects: Porous Titanium Lobed Cones
Matthew Abdel, MD

2:15 Audience Questions & Review

2:25 Refreshment Break (Auditorium B/C Foyer)
Move to Lab 4:30 Move to Auditorium: Reception and Drinks

2:40 HANDS-ON SURGICAL SKILLS LAB (Lab B)
Revision TKA: Exposure, Implant Removal, Instrumentation, Balance, Augments
Lab Leaders: James A. Browne, MD and Henry D. Clarke, MD
Lab Instructors: Drs. Clarke, Browne, Abdel, Backstein, Chen, Dennis,
Huddleston, Meneghini, Nam, Naudie, Nelson, Nunley, Schwarzkopf, Spangehl

No Breakouts Session? Optional? – NEED COMPANIES TO BRING IN CONES AND SLEEVES

4:40 SMALL GROUP BREAKOUT SESSIONS & CASE-BASED PANEL DISCUSSION  (Auditorium B/C)
Revision TKA: Instability, Bone Loss, Extensor Mech. Disruption, etc.
Moderator: Henry D. Clarke, MD
Small Group Leaders: Browne, Chen, Huddleston, Meneghini, Nam, Naudie,
Schwarzkopf
Panel: Drs. Backstein, Dennis, Nelson, Nunley, Spangehl

5:20 Announcements & Adjourn
James A. Browne, MD

5:30-6.30 pm SPOTLIGHT 2* TBD

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SATURDAY, MARCH 24

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7:00-8:00 am  SPOTLIGHT 3* TBD Breakfast provided if spotlight is scheduled

CURRENT CONCEPTS IN TKA (Auditorium B/C)
8:00am  Announcements
        James A. Browne, MD

Moderator: James A. Browne, MD
8:05    **Current Concepts in TKA:** (5 minute talks)
        Kinematic versus Classic Alignment -- Chris Pelt, MD
        Mechanical Instruments vs Navigation -- Steven MacDonald, MD
        Custom Guides in TKA -- Ryan Nunley, MD
        Custom Implants in TKA -- Henry D. Clarke, MD
        Robotic-Assisted TKA -- Jess Lonner, MD
        Hand Held Accelerometer Based Navigation -- Denis Nam, MD, MSc

8:45    Panel Discussion & Audience Questions

9:00    Refreshment Break (Auditorium B/C Foyer)

PERI-PROSTHETIC TKA INFECTION
Moderator: David Backstein, MD

9:15    Making the Diagnosis of Peri-Prosthetic Joint Infection
        Antonia F. Chen, MD, MBA

**PRE RECORDED VIDEO DEMONSTRATION**
9:25    Two Stage Debridement with Antibiotics Beads for Acute PJI
        Mark J. Spangehl, MD

**PRE-RECORDED VIDEO DEMONSTRATION**
9:35    Static Spacer: Indications and Surgical Tips
        David Lewallen, MD

**PRE-RECORDED VIDEO DEMONSTRATION**
9:45    Articulating Spacers using Conventional Components
        Matthew P. Abdel, MD

**PRE-RECORDED VIDEO DEMONSTRATION**
9:55    Modular Pre-Formed Articulating Spacer
        R. Michael Meneghini, MD

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10:05 Questions & Answers

10:15 Break (Auditorium BC Foyer)

TKA SOLUTIONS FOR COMPLEX PROBLEMS (Auditorium BC)
Moderator: Matthew P. Abdel, MD

10:30 PRE-RECORDED VIDEO DEMONSTRATION
Extensor Mechanism Reconstruction
James A. Browne, MD

10:40 PRE-RECORDED VIDEO DEMONSTRATION
Hinges: When is a Constrained Condylar Prosthesis Not Enough?
Scott Sporer, MD

10:50 PRACTICE MANAGEMENT (10 min talks)
Moderator: Henry D. Clarke, MD
Safely Selecting Patients for Early Discharge—R. Michael Meneghini, MD
Avoiding Readmissions—James A. Browne, MD
Outpatient Knee Arthroplasty: Key elements—Michael Berend, MD
Succeeding in a Bundled Care Environment—Ryan Nunley, MD

11:30 Questions and Answers

11:45 Closing Remarks and Adjourn
Henry D. Clarke, MD