SCHEDULE
Thursday, September 26th, 2019

3:00 pm  Registration (Registration Desk B)
          Refreshments & Snacks

3:55  Welcome and Course Overview (Auditorium A)
      James A. Browne, MD

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

4:00  Patient Optimization for Knee Arthroplasty: What issues are important?

4:10  BMI Cut-Offs and Managing Obesity
      James Browne, MD

4:20  Smoking and the Arthroplasty Patient
      Adam Schwartz, MD

4:30  A Practical Blood Management Strategy to Avoid Transfusions

4:40  A Contemporary Multi-Modal Approach To Post-Op Pain Management
      Ray Kim, MD

4:50  DVT Prophylaxis in 2019: Risk Stratification
      Mark Spangehl, MD

5:00  Audience Questions & Answers

6:15-6:50  SURGICAL TREATMENT OF KNEE ARTHRITIS: CASE-BASE SMALL GROUP DISCUSSIONS
Cases to highlight conservative management, preoperative medical optimization and patient selection, isolated single compartment disease
Moderator: Mark Spangehl, MD

6:50pm  Announcements & Adjourn
        Mark Spangehl, MD
8:00 – 9:00 HANDS-ON SURGICAL SKILLS LAB (Lab B)
Introduction: James Browne, MD
1. Medial Unicompartmental Knee Arthroplasty
2. PF Arthroplasty

Lab Leaders: Lab Leaders: Mark Spangehl and James Browne, MD
Lab Instructors: All Faculty

9:00 Refreshment Break (Auditorium A Foyer)
TKA FUNDAMENTALS (Auditorium A)
Moderator: TBD

9:30   Measured Resection vs Gap Balancing TKA: Don’t We All Balance the Gaps?

9:40   CR, PS, CS – What Should I Do?
       Ray Kim, MD

9:50   Varus-Valgus Releases
       Henry Clarke, MD

10:00  The Complex Primary TKA: Dealing with old Incisions and Hardware

10:10  The Complex Primary TKA: Dealing with Deformity

10:20  Discussion

10:30-11:45   HANDS-ON SURGICAL SKILLS LAB (Lab B)
Primary Total Knee Arthroplasty
Mechanical Instruments Lab Leaders: Henry Clarke and James Browne, MD
Lab Instructors: All Faculty

LUNCH / NEW TECHNOLOGY IN ARTHROPLASTY (Auditorium A)
Moderator: TBD

12:00-1:00

- Mechanical Instruments vs Navigation (7 min)
- Computer Navigation (7 min) --
- Custom Guides in TKA (7 min)
- Custom Implants in TKA (7 min) – Henry Clarke, MD
- Robotic-Assisted TKA (7 min) – Ran Schwarzkopf, MD
- Hand Held Accelerometer Based Navigation (7 min) -- Denis Nam, MD, MSc
- Discussion

CONTROVERSIAL TOPICS IN TKA
Moderator: James Browne, MD

1:00   Current Concepts in TKA: (5 minute talks)
       Neutral versus Anatomic Alignment
       Cementless TKA -- Greg Polkowski, MD (5 mins)
       Component Rotation in TKA –(5 mins)
       Metal Allergy in TKA -- Henry Clarke, MD (5 mins)
       Bicruciate Preserving TKA -- Christopher Pelt, MD (5 mins)
       The patella: to resurface or not to resurface? – (5 min)
1:30  Panel Discussion & Audience Questions

2:00-3:00  HANDS-ON BREAKOUT SESSIONS – NEW TECHNOLOGY
Primary Total Knee Arthroplasty
Mechanical Instruments Lab Leaders: Mark Spangehl and James Browne, MD
Lab Instructors: All Faculty

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.

3:30-4:30  AVOIDING AND MANAGING COMPLEX PROBLEMS (10 min talks)
Moderator: TBD

Wound closure techniques: minimizing the risks of complications
Intraoperative MCL injury
Intraoperative patellar tendon disruption
Evaluation and management of periprosthetic fractures
Prolonged opioid usage and narcotic dependence

4:30-5:30  PRACTICE MANAGEMENT (10 min talks)
Moderator: Henry Clarke, MD

- Is Physical Therapy really needed after TKA?
- Outpatient Knee Arthroplasty: Key elements
- Safely Selecting Patients for Early Discharge
- Avoiding Readmissions
- Succeeding in a Bundled Care Environment

5:30  Announcements & Adjourn
James Browne, MD
5:30-6:30 pm  Spotlight Session (wine, beer, and light snacks)
* Industry Spotlight Sessions are Non-CME; Views and Products Are Not Endorsed by AAOS, AAHKS, or The Knee Society

Saturday, September 28th, 2019

7:00-8:00 am  Spotlight Session
Breakfast will be provided

Moderators for Saturday Morning Live: Drs. Matthew Abdel, Denis Nam, Christopher Pelt, Scott Sporer

8:00 am  Announcements
James A. Browne, MD

REVISION TKA: CORE CONCEPTS
Moderator: Mark Spangehl, MD

8:05  Evaluation of the Painful TKA
Henry Clarke, MD

8:15  Basic Principles and Planning for Revision TKA

8:25  Extensile Approaches for Revision TKA

8:35  Removal of Implants
Greg Polkowski, MD

8:45  Stem Fixation in Revision TKA: Cemented or Pressfit
Christopher Pelt, MD

8:55  Choosing the Level of Constraint in Revision TKA

9:05  Conversion UKA to TKA
James A. Browne, MD

9:15  Audience Questions & Review

REVISION TKA: MANAGEMENT OF BONE LOSS AND EXTENSOR MECHANISM DISRUPTION
Moderator: TBD

9:30  Management of Bone Defects: Porous Tantalum Cones

9:40  PRE-RECORDED VIDEO DEMONSTRATION
Management of Bone Defects: Porous Titanium Lobed Cones
PRE-RECORDED VIDEO DEMONSTRATION
Extensor Mechanism Reconstruction
James A. Browne, MD

10:00  PRE-RECORDED VIDEO DEMONSTRATION
Hinges: When is a Constrained Condylar Prosthesis Not Enough?

10:10  Audience Questions & Review

10:30-11:45  HANDS-ON SURGICAL SKILLS LAB (Lab B)
Revision TKA: Exposure, Implant Removal, Instrumentation, Balance, Augments
Lab Leaders: James A. Browne, MD and Henry Clarke, MD
Lab Instructors: All Faculty

12:00 pm – 1pm Spotlight *
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PERI-PROSTHETIC TKA INFECTION
Moderator: David Backstein, MD

1:00  Preoperative, intraoperative, and postoperative infection prevention

1:10  Making the Diagnosis of Peri-Prosthetic Joint Infection

PRE-RECORDED VIDEO DEMONSTRATION
1:20  Two Stage Debridement with Antibiotics Beads for Acute PJI
Mark Spangehl, MD

1:30  PRE-RECORDED VIDEO DEMONSTRATION
Articulating Spacers using Conventional Components

1:40  PRE-RECORDED VIDEO DEMONSTRATION
Modular Pre-Formed Articulating Spacer

1:50  Questions and Answers

2:00  Closing Remarks and Adjourn
Mark Spangehl, MD