May 18 - 20, 2020
A Continuing Medical Education Program

Featuring 6 Interactive Surgeries

Course Director:
A. SETH GREENWALD, D.PHIL.(OXON)
All times listed in the CCJR - Spring 2020 Online Live program are in New York/EDT and the following tables provide alternative time zones for your convenience.

**DOMESTIC**

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>TIME_ZONE</th>
<th>MEETING TIMES</th>
<th>GMT DIFFERENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW YORK</td>
<td>EDT</td>
<td>10:00am – 6:30pm</td>
<td>-04:00</td>
</tr>
<tr>
<td>CHICAGO</td>
<td>CDT</td>
<td>9:00am – 5:30pm</td>
<td>-05:00</td>
</tr>
<tr>
<td>DENVER</td>
<td>MDT</td>
<td>8:00am – 4:30pm</td>
<td>-06:00</td>
</tr>
<tr>
<td>LOS ANGELES</td>
<td>PDT</td>
<td>7:00am – 3:30pm</td>
<td>-07:00</td>
</tr>
</tbody>
</table>

**INTERNATIONAL**

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>TIME_ZONE</th>
<th>MEETING TIMES</th>
<th>GMT DIFFERENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>LONDON</td>
<td>BST</td>
<td>3:00pm – 11:30pm</td>
<td>+01:00</td>
</tr>
<tr>
<td>CENTRAL EUROPE</td>
<td>CEST</td>
<td>4:00pm – 12:30am</td>
<td>+02:00</td>
</tr>
<tr>
<td>NEW DELHI</td>
<td>IST</td>
<td>7:30pm – 4:00am</td>
<td>+05:30</td>
</tr>
<tr>
<td>BEIJING</td>
<td>CST</td>
<td>10:00pm – 6:30am</td>
<td>+08:00</td>
</tr>
<tr>
<td>SYDNEY</td>
<td>AEST</td>
<td>12:00am – 8:30am</td>
<td>+10:00</td>
</tr>
</tbody>
</table>

**MONDAY, MAY 18, 2020**

10:00a.m. Welcome & Instructions
A. Seth Greenwald, D.Phil.(Oxon)

10:05 #1 Thanks for the Memories: A Festschrift Remembering CCJR
Lawrence D. Dorr, M.D.

SESSION I – Evan S. Lederman, M.D.
**Surgical Procedure: Shoulder Reconstruction**

10:15 #2 Reverse Shoulder Arthroplasty: Solution for Rotator Cuff Deficiency
Mark A. Frankle, M.D. – Surgeon

11:00 Break #1 - Heron Therapeutics
Benefits & Limitations of Local Anesthetics in Postoperative Pain
Paul F. Lachiewicz M.D.

SESSION II – Thomas S. Thornhill, M.D.
**Orthopaedic Crossfire® I: Controversies in Shoulder Reconstruction**

11:30 Reverse TSA for Glenohumeral Arthritis: Now the Standard of Care
#3 Sumant G. Krishnan, M.D. – Affirms
#4 Eric R. Wagner, M.D., M.S. – Opposes

11:50 Irreparable Cuff Tear. Superior Capsule Reconstruction is the Preferred Treatment
#5 Evan S. Lederman, M.D. – Affirms
#6 Jon J.P. Warner, M.D. – Opposes

12:10 Four Part Fx’s in Active <65-Year-Old Patients: Best Treated with Reverse TSA
#7 Leesa M. Galatz, M.D. – Affirms
#8 Evan L. Flatow, M.D. – Opposes

12:30 Break #2
SESSION III – Leesa M. Galatz, M.D.
Complications in Shoulder Arthroplasty: “Dealin’ with Difficulties”

1:00 #9 Managing the Infected Arthroplasty: Clean Out, 1-Stage or 2-Stage
Eric R. Wagner, M.D., M.S.
1:05 #10 Avoiding Instability: Getting the Soft Tissue Balancing Right
Evon L. Flatow, M.D.
1:10 #11 Arthroscopic Debridement: Best Friend/Worst Enemy
Jon J.P. Warner, M.D.
1:15 #12 Peri-Prosthetic Frax’s: Repair, Replace or Treat Conservatively
William H. Seitz, Jr., M.D.
1:20 #13 Complications of Reverse Arthroplasty: Learning from Your Mistakes
Sumant G. Krishnan, M.D.
1:25 #14 Humeral Cemented Revision: Techniques for Safe Extraction
Leesa M. Galatz, M.D.
1:30 Discussion

2:00 Break #3

SESSION IV – Eric R. Wagner, M.D., M.S.
2:30 #15 What Would YOU do? Challenges in Shoulder Surgery
Leesa M. Galatz, M.D.
Sumant G. Krishnan, M.D.
Evan S. Lederman, M.D.
William H. Seitz, Jr., M.D.
Jon J.P. Warner, M.D.

3:30 Break #4

SESSION V – William L. Walter, M.D., F.R.A.C.S., Ph.D.
4:00 #16 Why Knees Fail: Patient, Surgeon or Device?
Robert E. Booth, Jr., M.D.
Surgical Procedure: Primary Knee Arthroplasty
4:10 #17 Medial Pivot TKA: A Reflection of Normal Kinematics
David Backstein, M.D., F.R.C.S.(C), M.Ed. – Surgeon

5:00 Break #5 - OrthoSensor, Inc.
Sensor-Assisted Balancing of the Varus Knee
Kenneth A. Gustke, M.D.

SESSION VI – Daniel J. Berry, M.D.
Orthopaedic Crossfire® II: Controversial Issues in Knee Arthroplasty
5:30 Optimal UKA Outcomes Require Robotic Use
#18 Robert L. Barrack, M.D. – Affirms
#19 R. Michael Meneghini, M.D. – Opposes
5:50 Outpatient TJA Surgery: The Best Sum of All Things
#20 Richard A. Berger, M.D. – Affirms
#21 Alejandro Gonzalez Della Valle, M.D. – Opposes
6:10 The Cementless Tibia: Emergent Game Changer
#22 Kenneth A. Gustke, M.D. – Affirms
#23 Gwo-Chin Lee, M.D. – Opposes
6:30 End of Day 1

6:30 Exhibitor Symposium #1 - Innovative Sterilization Technologies, LLC
Surgical Tray Optimization & Efficiency: The Impact of a Novel Sealed Sterile Container Technology
Robert C. Marchand, M.D.
TUESDAY, MAY 19, 2020

10:00 a.m. Welcome & Instructions
A. Seth Greenwald, D.Phil.(Oxon)

10:05 #24 Biologic Therapies 2020: Where’s the Beef?
Aaron G. Rosenberg, M.D.

SESSION VII – Stephen M. Howell, M.D.
Surgical Procedure: Primary Knee Arthroplasty
10:15 #25 A Calipered Kinematically Aligned TKA
Ryan G. Molli, D.O. – Surgeon

11:00 Break #6

SESSION VIII – Gwo-Chin Lee, M.D.
Management Factorials in Primary Knee Arthroplasty: Ensuring a Winner!
11:30 #26 The Custom Total Knee Replacement: A Bespoke Solution
Jose A. Rodriguez, M.D.
11:36 #27 Decoding the Varus Knee: Are They All the Same?
Ashok Rajgopal, F.R.C.S.(Ed), M.S.
11:42 #28 The Role of the Tourniquet in 2020
R. Michael Meneghini, M.D.
11:48 #29 Peri-Operative Pain Management: Assuring a Happy Patient
Paul F. Lachiewicz, M.D.
11:54 #30 Blood Conservation Strategies: The Impact of TXA
Thomas P. Schmalzried, M.D.
12:00 #31 DVT Prophylaxis: Think of the Old Aspirin
Antonia F. Chen, M.D., M.B.A.
12:06 Discussion

12:30 Break #7 - Heraeus Medical
Antibiotic Loaded Bone Cement in Total Knee Arthroplasty: Clinical Updates
Thorsten Gehrke, M.D.

SESSION IX – Steven J. MacDonald, M.D., F.R.C.S.(C)
1:00 #32 What Would YOU do? Challenges in Knee Surgery
Stephen M. Howell, M.D.
Denis Nam, M.D.
Ashok Rajgopal, F.R.C.S.(Ed), M.S.
Aaron G. Rosenberg, M.D.
Thomas P. Sculco, M.D.

2:00 Break #8

SESSION X – George J. Haidukewych, M.D.
2:30 #33 OREF/CCJR Clinical Award Paper
Nicolas S. Piuzzi, M.D.

Surgical Procedure: Revision Knee Arthroplasty
2:40 #34 Revision Rotating Platform TKA: A Bone Loss Solution
Michael B. Cross, M.D. – Surgeon

3:30 Break #9 - Stryker
Early Experience of a Large Academic Center with Mako SmartRobotics™
Fares S. Haddad, M.D., F.R.C.S.
SESSION XI – Thorsten Gehrke, M.D.
Periprosthetic Joint Infection (PJI): Drugs, Bugs & Solution Options
4:00 #35 Infection Prevention: Modifiable Risk Factors
C. Anderson Engh, Jr., M.D.
4:06 #36 Diagnosing PJI: A Step-by-Step Evaluation Protocol
Antonia F. Chen, M.D., M.B.A.
4:12 #37 DAIR: An Emerging Alternative for PJI
Fares S. Haddad, M.D., F.R.C.S.
4:18 #38 An Inadvertent One Stage Solution
Donald S. Garbuz, M.D., F.R.C.S.(C)
4:24 #39 Continuous Intra-Articular Antibiotic Administration: Inhibiting the Bio-Film
Leo A. Whiteside, M.D.
4:30 #40 The Two-Stage Standard: Techniques, Timing & Statistics
Daniel J. Berry, M.D.
4:36 Discussion

5:00 Break #10 - DePuy Synthes
Resuming Elective Orthopaedic Surgery During the COVID-19 Pandemic
Thorsten Gehrke, M.D.
Javad Parvizi, M.D., F.R.C.S.
William L. Walter, M.D., F.R.A.C.S., Ph.D.

SESSION XII – Robert E. Booth, Jr., M.D.
Problems After Knee Arthroplasty: Things That Go "Bump in the Night"
5:30 #41 Managing Wound Complications: A Knee is Not a Hip
Gwo-Chin Lee, M.D.
5:36 #42 The Unstable Knee: Manifestations, Reasons & Corrective Actions
William L. Walter, M.D., F.R.A.C.S., Ph.D.
5:42 #43 The Management of Extensor Mechanism Complications
Denis Nam, M.D.
5:48 #44 The Post-Operative Painful Knee: Finding Causation/Realizing Remedy
Robert L. Barrack, M.D.
5:54 #45 Peri-Prosthetic Femoral Fx's: ORIF Remains the Gold Standard
George J. Haidukewych, M.D.
6:00 #46 Bone Loss Management: Building It Back Up
David G. Lewallen, M.D.
6:06 Discussion
6:30 End of Day 2

6:30 Exhibitor Symposium #2 - DePuy Synthes
The Role of Technology in the OR
Charles DeCook, M.D.
Atul Kamath, M.D.

WEDNESDAY, MAY 20, 2020
10:00a.m. Welcome & Instructions
A. Seth Greenwald, D.Phil.(Oxon)

SESSION XIII – Atul F. Kamath, M.D.
10:05 #47 Early Prophylactic Intervention: Avoiding or Deferring Arthroplasty
Atul F. Kamath, M.D.

Surgical Procedure: Primary Hip Arthroplasty
10:15 #48 Optimizing the Anterior Approach Through Advancing Technologies
William G. Hamilton, M.D. – Surgeon
SESSION XIV – Adolph V. Lombardi, Jr., M.D.
Hip Arthroplasty: Management Issues

11:30  #49  The Use of Smart Tool Technology: Improves Intra-Operative Execution
Stephen B. Murphy, M.D.

11:36  #50  Cemented Femoral Fixation: Optimal Hybrid Solution
Alejandro Gonzalez Della Valle, M.D.

11:42  #51  Are All Cementless Stems Created Equal: Which for What?
Matthew P. Abdel, M.D.

11:48  #52  Acetabular Protrusio: A Problem in Depth
Kenneth A. Gustke, M.D.

11:54  #53  Hip Fusion Conversion: The Why, the How, the Outcomes
Allan E. Gross, M.D., F.R.C.S.(C)

12:00 Discussion

SESSION XV – Lawrence D. Dorr, M.D.

1:00  #54  What Would YOU do? Challenges in Hip Surgery
C. Anderson Engh, Jr., M.D.
Donald S. Garbuz, M.D., F.R.C.S.(C)
Richard E. Jones, M.D.
Adolph V. Lombardi, Jr., M.D.
Leo A. Whiteside, M.D.

SESSION XVI – David J. Mayman, M.D.

2:00 Break #12

2:30  #55  Bone Grafts & Their Substitutes: Understanding the Three O's
Edwin P. Su, M.D.

Surgical Procedure: Primary Hip Arthroplasty

2:40  #56  Ceramicized Metal Dual Mobility THA: Reducing Wear & Dislocation
Adolph V. Lombardi, Jr., M.D. – Surgeon

SESSION XVII – Thomas S. Thornhill, M.D.
Orthopaedic Crossfire® III: Controversial Issues in Primary & Revision Hip Arthroplasty

4:00  #57  The Direct Anterior Approach: Emergent Exposure for All THA Patients
Jose A. Rodriguez, M.D. – Affirms
Brad L. Penenberg, M.D. – Opposes

4:20  #59  The Dual Mobility Cup: First Choice for the High Risk & Recurrent Dislocator
Matthew P. Abdel, M.D. – Affirms
Thomas P. Schmalzried, M.D. – Opposes

4:40  #61  Pelvic Discontinuity & Bone Loss: The TriFlange Cup, Treatment of Choice
Michael D. Ries, Sc.M., M.D. – Affirms
Steven J. MacDonald, M.D., F.R.C.S.(C) – Opposes
SESSION XVIII – David G. Lewallen, M.D.

The Revision Hip: A Tolerance for Chaos

5:30 #63 The Painful THA: Determining Etiology Will Direct Treatment
Steven J. MacDonald, M.D., F.R.C.S.(C)

5:36 #64 Classifying Femoral Bone Deficiency: Choosing the Right Implant
Wayne G. Paprosky, M.D.

5:42 #65 Cemented Stems in Revision 2020: What Problems Do They Solve?
Fares S. Haddad, M.D., F.R.C.S.

5:48 #66 The Modular Stem: The Right Implant for the Difficult Revision
Matthew P. Abdel, M.D.

5:54 #67 The Jumbo Cup: Cementless Solution for Acetabular Bone Loss
Paul F. Lachiewicz, M.D.

6:00 #68 The Role of Cages: Lord of the Ring
Allan E. Gross, M.D., F.R.C.S.(C)

6:06 Discussion

6:30 Adjourn