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**CURRENT CONCEPTS INSTITUTE**

*in partnership with*



The Hip Society  
and  
The Knee Society



*present*

*Twentieth  
Annual*

**CURRENT  
CONCEPTS  
IN JOINT  
REPLACEMENT<sup>®</sup>**

***Spring 2019***

*Hilton Cleveland Downtown*

*Cleveland, Ohio*



May 8 - 11, 2019

A Continuing Medical Education Program

***Featuring 5 Interactive “LIVE SURGERIES”***

*Course Director:*

**A. SETH GREENWALD, D.PHIL.(OXON)**

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## **CURRENT CONCEPTS IN JOINT REPLACEMENT® - *Spring 2019***

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### **REGISTRATION: Superior Ballroom Foyer**

6:30a.m. - 1:00p.m. Thursday-Saturday, May 9-11

### **WEDNESDAY, MAY 8, 2019**

#### **Cleveland Indians vs. Chicago White Sox Baseball Game**

6:10p.m. Progressive Field

### **THURSDAY, MAY 9, 2019**

6:30a.m. Buffet Breakfast

#### ***Opening Remarks:***

7:30 A. Seth Greenwald, D.Phil.(Oxon)

#### **SESSION I – Thomas S. Thornhill, M.D.**

7:35 #1 Operating Room Efficiencies During TJA: *Be All You Can Be*  
Adolph V. Lombardi, Jr., M.D.

#### ***Orthopaedic Crossfire® I: Controversial Issues in Knee Arthroplasty***

- 7:45 The Cementless Tibia: *Emergent Game Changer*  
#2 Kenneth A. Gustke, M.D. – *Affirms*  
#3 Gwo-Chin Lee, M.D. – *Opposes*  
8:05 Custom TKA Designs: *Promote Optimal Patient & Surgeon Satisfaction*  
#4 Jose A. Rodriguez, M.D. – *Affirms*  
#5 Robert L. Barrack, M.D. – *Opposes*  
8:25 Outpatient TJA Surgery: *The Best Sum of All Things*  
#6 Stephen B. Murphy, M.D. – *Affirms*  
#7 Alejandro Gonzalez Della Valle, M.D. – *Opposes*

#### **SESSION II – Fares S. Haddad, M.D., F.R.C.S.**

#### ***“Live in Cleveland”: Knee Arthroplasty from the Hospital for Special Surgery, New York, NY***

- 8:45 #8 **A Robotic Cementless TKA: *The Shape of Things to Come***  
Michael P. Ast, M.D. – *Surgeon*  
9:30 Refreshments in the Exhibit Area

#### **SESSION III – Jose A. Rodriguez, M.D.**

#### ***Management Factorials in Primary Knee Arthroplasty: Ensuring a Winner!***

- 9:55 #9 The Medial Pivot Knee: *A Reflection of Normal Kinematics*  
David Backstein, M.D., F.R.C.S.(C), M.Ed.  
10:01 #10 Peri-Operative Pain Management: *Assuring a Happy Patient*  
Keith R. Berend, M.D.  
10:07 #11 Achieving Alignment in TKA: *Optimizing Patient Outcomes*  
Robert L. Barrack, M.D.  
10:13 #12 Intra & Extra Articular Deformity: *Corrective Strategies*  
Alejandro Gonzalez Della Valle, M.D.  
10:19 #13 Prior & Acute Tibial Plateau *Fx's: When is TKA an Option?*  
Matthew P. Abdel, M.D.  
10:25 #14 Advancing Suture Technologies in TKA: *Stitches in Time*  
Viktor E. Krebs, M.D.  
10:31 Discussion

**SESSION IV – Keith R. Berend, M.D.**

**10:51 #15 *What Would YOU do? Challenges in Knee Surgery***

David Backstein, M.D., F.R.C.S.(C), M.Ed.

Michael C. Kolczun, M.D.

Viktor E. Krebs, M.D.

Gwo-Chin Lee, M.D.

Douglas E. Padgett, M.D.

**SESSION V – Douglas E. Padgett, M.D.**

***The Infected Knee Arthroplasty: Drugs, Bugs & Solution Options***

**11:20 #16 *Minimizing Infection Risk: Factors Influencing***

C. Anderson Engh, Jr., M.D.

**11:26 #17 *Diagnosing Infection: A Step-by-Step Evaluation Protocol***

Atul F. Kamath, M.D.

**11:32 #18 *DAIR: An Emerging Solution for PJI***

Fares S. Haddad, M.D., F.R.C.S.

**11:38 #19 *Partial Two-Stage Exchange: Half the Loaf***

Adolph V. Lombardi, Jr., M.D.

**11:44 #20 *The Two-Stage Standard: Techniques, Timing & Statistics***

David G. Lewallen, M.D.

11:50 Discussion

**12:10 #21 *OREF/CCJR Clinical Award Paper***

12:20 Lunch

**SESSION VI – Aaron G. Rosenberg, M.D.**

***Orthopaedic Crossfire® II: Controversial Issues in Knee Arthroplasty***

1:20 Posterior Stabilized Knee Designs: *Vestigial Organs*

#22 R. Michael Meneghini, M.D. – *Affirms*

#23 Douglas E. Padgett, M.D. – *Opposes*

1:40 The Tourniquetless TKA: *A Miraculous Conversion*

#24 Jose A. Rodriguez, M.D. – *Affirms*

#25 Steven J. MacDonald, M.D., F.R.C.S.(C) – *Opposes*

2:00 Patella Resurfacing: *Rarely, If Ever Necessary*

#26 Robert L. Barrack, M.D. – *Affirms*

#27 Michael C. Kolczun, M.D. – *Opposes*

**SESSION VII – George J. Haidukewych, M.D.**

***“Live in Cleveland”: Knee Arthroplasty from the***

***Hospital for Special Surgery in New York, NY***

2:20 #28 **Revision Rotating Platform TKA: A Bone Loss Solution**

Michael B. Cross, M.D. – *Surgeon*

**EXHIBITORS’ RECEPTION: Superior Ballroom**

3:05p.m. - 4:00p.m.

## FOCUSED FACULTY-PARTICIPANT BREAKOUTS

Intimate, concurrent sessions for **CCJR** participants to directly interact with faculty experts.

Seating is limited and on a first-come, first-served basis.

4:00p.m. - 5:00p.m.

### Veterans Meeting Room A-B

#### SESSION VIII – Steven J. MacDonald, M.D., F.R.C.S.(C)

##### 4:00 #29 *Primary Hip Reconstruction*

Peter J. Brooks, M.D., F.R.C.S.(C)

C. Anderson Engh, Jr., M.D.

Denis Nam, M.D.

Jose A. Rodriguez, M.D.

### Veterans Meeting Room C-D

#### SESSION IX – Robert L. Barrack, M.D.

##### 4:00 #30 *Patient Dissatisfaction Following TKA*

Fares S. Haddad, M.D., F.R.C.S.

Michael C. Kolczun, M.D.

Robert M. Molloy, M.D.

William L. Walter, M.D., F.R.A.C.S., Ph.D.

5:00 Adjournment

## FRIDAY, MAY 10, 2019

6:30a.m. Buffet Breakfast

### SESSION X – R. Michael Meneghini, M.D.

7:30 #31 *Biologic Therapies 2019: Facts, Fictions & Costs*

Aaron G. Rosenberg, M.D.

### *Problems After Knee Arthroplasty: Things That Go “Bump in the Night”*

7:40 #32 *Wound Complications: A Knee is Not a Hip*

Gwo-Chin Lee, M.D.

7:46 #33 *The Post-Operative Painful Knee: Diagnosis & Remedy*

Robert M. Molloy, M.D.

7:52 #34 *The Unstable Knee: Manifestations, Reasons & Corrective Actions*

William L. Walter, M.D., F.R.A.C.S., Ph.D.

7:58 #35 *The Management of Extensor Mechanism Complications*

Denis Nam, M.D.

8:04 #36 *Residual Flexion Contracture: Frustrating the Patient & the Surgeon*

Matthew P. Abdel, M.D.

8:10 #37 *Peri-Prosthetic Femoral Fractures: When to Repair or Replace*

Wayne G. Paprosky, M.D.

8:16 Discussion

### SESSION XI – Michael C. Kolczun, M.D.

*“Live in Cleveland”: Knee Arthroplasty from*

*Mt. Carmel New Albany Surgical Hospital, New Albany, OH*

8:36 #38 *Lateral UKA to TKA: Is It as Good as a Primary Result?*

Adolph V. Lombardi, Jr., M.D. – Surgeon

9:21 Refreshments in the Exhibit Area

**SESSION XII – C. Anderson Engh, Jr., M.D.**

***Revision Knee Arthroplasty: Doin' the Right Thing***

- 9:46 #39 Principles of Revision Knee Surgery  
Thomas S. Thornhill, M.D.
- 9:52 #40 Bone Loss Management in Revision TKA  
David G. Lewallen, M.D.
- 9:58 #41 Exposure Options: *Factors Dictating the Pathway*  
Douglas E. Padgett, M.D.
- 10:04 #42 The Optimal Use of Stems in Revision TKA  
Viktor E. Krebs, M.D.
- 10:10 #43 Metaphyseal Cones for Large Bone Defects: *A Time & a Place*  
Paul F. Lachiewicz, M.D.
- 10:16 #44 The Hinge: *A Simple Solution for a Complex Problem*  
George J. Haidukewych, M.D.
- 10:22 #45 The Multiply Operated Patient: *A Long Day's Journey Into Night*  
Denis Nam, M.D.
- 10:28 Discussion

**SESSION XIII – Aaron G. Rosenberg, M.D.**

***Hip & Knee Arthroplasty 2019: What's New, What's True, Does it Matter? Evidence Based Issues***

- David Backstein, M.D., F.R.C.S.(C), M.Ed.  
Atul F. Kamath, M.D.  
Gwo-Chin Lee, M.D.  
Steven J. MacDonald, M.D., F.R.C.S.(C)  
Stephen B. Murphy, M.D.

**SESSION XIV – Fares S. Haddad, M.D., F.R.C.S.**

***Orthopaedic Crossfire® III: Re-Examining Knee & Hip Arthroplasty Technologies***

- 11:18 The Cemented All Poly Tibia: *Regardless of Age & BMI*  
#47 David G. Lewallen, M.D. – *Affirms*  
#48 Michael C. Kolczun, M.D. – *Opposes*
- 11:38 Mega Prosthesis for Well-Fixed TKA Femoral *Fx's*  
#49 David Backstein, M.D., F.R.C.S.(C), M.Ed. – *Affirms*  
#50 George J. Haidukewych, M.D. – *Opposes*
- 11:58 Simulation Training: *This is the Future*  
#51 Kenneth A. Gustke, M.D. – *Affirms*  
#52 Thomas S. Thornhill, M.D. – *Opposes*
- 12:18 Lunch

**SESSION XV – Allan E. Gross, M.D., F.R.C.S.(C)**

- 1:18 #53 Early Prophylactic Intervention: *Avoiding or Deferring Arthroplasty*  
Atul F. Kamath, M.D.

***Primary Hip Replacement: What Works & for Whom?***

- 1:28 #54 Pre-Operative Planning & Execution: *Moving the Yardsticks*  
Stephen B. Murphy, M.D.
- 1:34 #55 Articulations of Choice: *Assuring Longevity*  
William L. Walter, M.D., F.R.A.C.S., Ph.D.
- 1:40 #56 Are All Cementless Stems Created Equal?  
Matthew P. Abdel, M.D.
- 1:46 #57 Cemented Femoral Fixation: *Optimal Hybrid Solution*  
Alejandro Gonzalez Della Valle, M.D.
- 1:52 #58 The Short Stem: *An Option for ALL Hips*  
Kenneth A. Gustke, M.D.
- 1:58 #59 Acetabular Positioning: *Avoiding Dislocation*  
Aaron G. Rosenberg, M.D.
- 2:04 Discussion

**SESSION XVI – Gwo-Chin Lee, M.D.**

***Hip Arthroplasty: Avoiding Pitfalls & Managing Problems***

- 2:24 #60 The Asymptomatic & Painful THA: *Monitoring & Intervention*  
Steven J. MacDonald, M.D., F.R.C.S.(C)
- 2:30 #61 Blood Conservation Strategies: *The Impact of TXA*  
Viktor E. Krebs, M.D.
- 2:36 #62 DVT Prophylaxis: *Think of the Old Aspirin*  
Alejandro Gonzalez Della Valle, M.D.
- 2:42 #63 THA in Dysplasia: *Effectively Managing the Technical Challenges*  
Allan E. Gross, M.D., F.R.C.S.(C)
- 2:48 #64 Neuromuscularly Challenged Patients: *In a Class of Their Own*  
Denis Nam, M.D.
- 2:54 #65 Metastatic Femoral Disease: *Principles of Management*  
Scott D. Weiner, M.D.
- 3:00 Discussion
- 3:20 Refreshments in the Exhibit Area

**SESSION XVII – Adolph V. Lombardi, Jr., M.D.**

- 3:45 #66 ***What Would YOU do? Challenges in Hip Surgery***  
Paul F. Lachiewicz, M.D.  
David G. Lewallen, M.D.  
R. Michael Meneghini, M.D.  
Wayne G. Paprosky, M.D.  
Scott D. Weiner, M.D.

**SESSION XVIII – Atul F. Kamath, M.D.**

***“Live in Cleveland”: Primary Hip Arthroplasty from the  
Anderson Orthopaedic Research Institute, Alexandria, VA***

- 4:15 #67 **Optimizing the Anterior Approach Through Advancing Technologies**  
William C. Hamilton, M.D. – *Surgeon*
- 5:00 Adjournment

**EXHIBITOR SATELLITE EVENTS**

5:00p.m. - 7:00p.m.

**SATURDAY, MAY 11, 2019**

6:30a.m. Buffet Breakfast

**SESSION XIX – Thomas S. Thornhill, M.D.**

***Orthopaedic Crossfire® IV: Controversial Issues in Hip Arthroplasty***

- 7:30 The Anterior Approach: *Better, Faster, Cost Effective*  
#68 Keith R. Berend, M.D. – *Affirms*  
#69 Fares S. Haddad, M.D., F.R.C.S. – *Opposes*
- 7:50 Ceramic Heads Should Be Used in All Patients  
#70 William L. Walter, M.D., F.R.A.C.S., Ph.D. – *Affirms*  
#71 C. Anderson Engh, Jr., M.D. – *Opposes*
- 8:10 Dual Mobility: *First Choice for the High Risk & Recurring Dislocator*  
#72 Matthew P. Abdel, M.D. – *Affirms*  
#73 R. Michael Meneghini, M.D. – *Opposes*

**SESSION XX – Peter J. Brooks, M.D., F.R.C.S.(C)**

***“Live in Cleveland”: Hip Arthroplasty from the  
Hospital for Special Surgery, New York, NY***

- 8:30 #74 **A Hip Resurfacing Option: Redux 2019**  
Edwin P. Su, M.D. – *Surgeon*

**SESSION XXI – Paul F. Lachiewicz, M.D.**

***The Revision Femur***

- 9:25 #75 Classifying Femoral Bone Deficiency: *Choosing the Right Implant*  
Wayne G. Paprosky, M.D.
- 9:31 #76 Cemented Stems in Revision 2019: *What Problems Can They Solve?*  
Fares S. Haddad, M.D., F.R.C.S.
- 9:37 #77 The Modular Stem: *The Right Implant for the Difficult Revision*  
Adolph V. Lombardi, Jr., M.D.
- 9:43 #78 Peri-Prosthetic Fx's: *Classification & Treatment Algorithm*  
Keith R. Berend, M.D.
- 9:49 Discussion

**SESSION XXII – David G. Lewallen, M.D.**

***The Revision Acetabulum: A Potpourri of Options***

- 10:09 #79 Exposure Options for Acetabular Revision  
Wayne G. Paprosky, M.D.
- 10:15 #80 The Jumbo Cup: *Cementless Solution for Acetabular Bone Loss*  
Paul F. Lachiewicz, M.D.
- 10:21 #81 Porous Metal Acetabular Augments: *When the Jumbo Cup Isn't Enough*  
George J. Haidukewych, M.D.
- 10:27 #82 Impaction Grafting Cement Alternative: *Recreating a Contained Defect*  
Alejandro Gonzalez Della Valle, M.D.
- 10:33 #83 The Custom Triflange Cup: *Build it & They Will Wait*  
C. Anderson Engh, Jr., M.D.
- 10:39 #84 The Role of Cages in Acetabular Revision  
Allan E. Gross, M.D., F.R.C.S.(C)
- 10:45 Discussion
- 11:05 Refreshments in the Exhibit Area

**SESSION XXIII – Wayne G. Paprosky, M.D.**

***Tips, Techniques & Technologies in Knee & Hip Reconstruction: "A Baker's Dozen"***

- 11:30 #85 Electronic Follow-Up: *Is Seeing Patients in Clinic Necessary?*  
Steven J. MacDonald, M.D., F.R.C.S.(C)
- 11:36 #86 Seven Little Cuts to the Perfect TKA  
Peter J. Brooks, M.D., F.R.C.S.(C)
- 11:42 #87 Achieving Soft Tissue Balance: *The Use of Smart Trials*  
Kenneth A. Gustke, M.D.
- 11:48 #88 Handheld Navigation in TKA: *The Orthopaedist's Smart Phone*  
Denis Nam, M.D.
- 11:54 #89 Optimizing Cement Fixation During TKA  
Thomas S. Thornhill, M.D.
- 12:00 #90 Removing the Well-Fixed Knee: *Tricks of the Trade*  
Robert M. Molloy, M.D.
- 12:06 #91 Extensor Mechanism Deficiency: *A Marlex Mesh Solution*  
Matthew P. Abdel, M.D.
- 12:12 #92 A Simple Cost Effective Hip Navigation System  
Allan E. Gross, M.D., F.R.C.S.(C)
- 12:18 #93 Removing a Well-Fixed Acetabular Component: *Blade Runner 2019*  
Paul F. Lachiewicz, M.D.
- 12:24 #94 Limited Femorotomy: *Removing a Well-Fixed Stem*  
William L. Walter, M.D., F.R.A.C.S., Ph.D.
- 12:30 #95 Trochanteric Slide for Extensive Proximal Bone Loss  
Scott D. Weiner, M.D.
- 12:36 #96 Tapered Modular Stems for Femoral Revision: *Getting It Straight*  
R. Michael Meneghini, M.D.
- 12:42 #97 Distal Femoral Replacement: *Making It Work*  
David Backstein, M.D., F.R.C.S.(C), M.Ed.
- 12:48 Closure

**Rock & Roll Hall of Fame**

1:00p.m. - 5:30p.m.

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