
CURRENT CONCEPTS INSTITUTE

*Thirty-Fifth
Annual*

presents

**CURRENT
CONCEPTS
IN JOINT
REPLACEMENT[®]**

Winter 2018

*Hyatt Regency Grand Cypress
Orlando, Florida*



December 12 - 15, 2018

A Continuing Medical Education Program

Course Director:

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

CURRENT CONCEPTS IN JOINT REPLACEMENT® - Winter 2018

REGISTRATION: Grand Cypress Ballroom Foyer

6:00p.m. - 8:00p.m. Wednesday, December 12

6:30a.m. - 1:00p.m. Thursday-Saturday, December 13 - 15

WEDNESDAY, DECEMBER 12, 2018

EXHIBITOR BIOSKILLS & SATELLITE EVENTS

3:30p.m. - 5:30p.m.

WELCOME RECEPTION: Regency Hall

6:00p.m. - 8:00p.m.

THURSDAY, DECEMBER 13, 2018

6:30a.m. Buffet Breakfast

Opening Remarks:

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

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

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

Orthopaedic Crossfire® I: Emerging TJA Technologies - Changing Paradigms

- 7:45 Simulation Training: *This is the Future*
#2 Kenneth A. Gustke, M.D. – *Affirms*
#3 Thomas S. Thornhill, M.D. – *Opposes*
8:05 Outpatient TJA Surgery: *The Best Sum of All Things*
#4 Keith R. Berend, M.D. – *Affirms*
#5 Alejandro Gonzalez Della Valle, M.D. – *Opposes*
8:25 Patient Specific TKA Provides Improved Satisfaction
#6 Mary I. O'Connor, M.D. – *Affirms*
#7 David G. Lewallen, M.D. – *Opposes*

SESSION II – C. Anderson Engh, Jr., M.D.

Primary Hip Replacement: What Works & for Whom?

- 8:45 #8 Patient Selection: *The Do's, the Don'ts & the Maybe's*
Thomas P. Schmalzried, M.D.
8:51 #9 Biomechanics of Primary THA
Scott M. Sporer, M.D.
8:57 #10 Hip Resurfacing 2018: *Another Look*
Peter J. Brooks, M.D., F.R.C.S.(C)
9:03 #11 The Short Stem: *What are the Advantages?*
Martin A. Buttarò, M.D.
9:09 #12 Stem Fixation: *To Cement or Not?*
Michael J. Dunbar, M.D., F.R.C.S.(C), Ph.D.
9:15 #13 Articulations of Choice: *Assuring Longevity*
Kevin L. Garvin, M.D.
9:21 Discussion

SESSION III – Wayne G. Paprosky, M.D.

Fractures About the Hip: The Confounding, Curious & Commonplace

- 9:41 #14 Displaced Femoral Neck Fx's: *Current Management*
Tad M. Mabry, M.D.
9:47 #15 When ORIF of Proximal Femoral Fx's Fails: *Salvage Options*
George J. Haidukewych, M.D.
9:53 #16 Acetabular Fx's in the Young & Elderly
Bryan D. Springer, M.D.
9:59 #17 Pathological Fx's: *Principles of Management*
Mary I. O'Connor, M.D.

- 10:05 #18 Intra-Operative *Fx's* During THA: *A Problem on the Rise*
Donald S. Garbuz, M.D., F.R.C.S.(C)
- 10:11 #19 Peri-Prosthetic *Fx's*: *Fix or Replace?*
C. Anderson Engh, Jr., M.D.
- 10:17 Discussion
- 10:37 Refreshments in the Exhibit Area

SESSION IV – Thomas S. Thornhill, M.D.

Orthopaedic Crossfire® II: Controversial Issues in Hip Arthroplasty

- 11:07 The Anterior Approach: *Better, Faster, Cost Effective*
#20 William G. Hamilton, M.D. – *Affirms*
#21 R. Michael Meneghini, M.D. – *Opposes*
- 11:27 Dual Mobility: *First “Choice” for the High Risk Primary & Recurrent Dislocator*
#22 Kevin L. Garvin, M.D. – *Affirms*
#23 Douglas E. Padgett, M.D. – *Opposes*
- 11:47 Metal Sensitivity: *A Clinical Bridge Too Far*
#24 Joshua J. Jacobs, M.D. – *Affirms*
#25 Leo A. Whiteside, M.D. – *Opposes*

SESSION V – Keith R. Berend, M.D.

- 12:07 #26 ***Dispelling Dogma: The End of Magical Thinking***
Paul F. Lachiewicz, M.D.
Jay R. Lieberman, M.D.
Steven J. MacDonald, M.D., F.R.C.S.(C)
Aaron G. Rosenberg, M.D.
- 12:37 Lunch

SESSION VI – William G. Hamilton, M.D.

- 1:37 #27 Early Prophylactic Intervention: *Avoiding or Deferring Arthroplasty*
Gwo-Chin Lee, M.D.

The Difficult Primary: Pathologies that Bedevil

- 1:47 #28 THA in Hip Dysplasia: *Effectively Managing the Technical Challenges*
Daniel J. Berry, M.D.
- 1:53 #29 Obesity & Comorbidity: *How are Patient Outcomes Affected?*
Fred D. Cushner, M.D.
- 1:59 #30 Acetabular Protrusion: *A Problem in Depth*
Kenneth A. Gustke, M.D.
- 2:05 #31 Osteonecrosis: *Early & Late Stage Solutions*
Jay R. Lieberman, M.D.
- 2:11 #32 Neuromuscularly Challenged Patients: *In a Class of Their Own*
Denis Nam, M.D.
- 2:17 #33 Hip Fusion Takedown: *The Why, the How, the Outcomes*
Allan E. Gross, M.D., F.R.C.S.(C)
- 2:23 Discussion

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

- 2:43 #34 ***What Would YOU do? Challenges in Hip Surgery***
Peter J. Brooks, M.D., F.R.C.S.(C)
Donald S. Garbuz, M.D., F.R.C.S.(C)
R. Michael Meneghini, M.D.
Douglas D.R. Naudie, M.D., F.R.C.S.(C)
Scott M. Sporer, M.D.

SESSION VIII – Jay R. Lieberman, M.D.

Hip Arthroplasty: Avoiding Pitfalls & Managing Problems

- 3:13 #35 Optimal Planning & Execution: *Moving the Yardsticks*
Stephen B. Murphy, M.D.
- 3:19 #36 The Influence of Bone Quality on Implant, Approach & Fixation
Denis Nam, M.D.

- 3:25 #37 Blood Conservation Strategies: *The Impact of TXA*
Thomas P. Schmalzried, M.D.
- 3:31 #38 Multimodal Pain Protocols: *Assuring a Happy Patient*
Gwo-Chin Lee, M.D.
- 3:37 #39 DVT Prophylaxis: *Think of the Old Aspirin*
Javad Parvizi, M.D., F.R.C.S.
- 3:43 #40 Hip Instability: *Causes & Management*
Stephen A. Jones, M.B., F.R.C.S.
- 3:49 Discussion
- 4:09 #41 **OREF/CCJR Clinical Award Paper**
Jeffrey B. Stambough, M.D.

EXHIBITORS' RECEPTION: Regency Hall

4:20p.m. - 5:30p.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.

5:30pm - 6:30pm

Palm

SESSION IX – Daniel J. Berry, M.D.

- 5:30 #42 *Primary Hip Reconstruction*
Peter J. Brooks, M.D., F.R.C.S.(C)
Martin A. Buttarò, M.D.
Alejandro Gonzalez Della Valle, M.D.
William G. Hamilton, M.D.

Poinciana

SESSION X – Robert L. Barrack, M.D.

- 5:30 #43 *Patient Dissatisfaction Following TKA*
Douglas A. Dennis, M.D.
Michael J. Dunbar, M.D., F.R.C.S.(C), Ph.D.
Bryan D. Springer, M.D.
Kelly G. Vince, M.D., F.R.C.S.(C)

Magnolia

SESSION XI – Mary I. O'Connor, M.D.

- 5:30 #44 *Gain Sharing & the Bundled Payment Alternative*
C. Anderson Engh, Jr., M.D.
R. Michael Meneghini, M.D.
Stephen B. Murphy, M.D.
Douglas E. Padgett, M.D.

6:30 Adjournment

FRIDAY, DECEMBER 14, 2018

6:30a.m. Buffet Breakfast

SESSION XII – Thomas P. Schmalzried, M.D.

Achieving Optimal Cup Placement: Avoiding Dislocation Early & Late

- 7:30 #45 Pelvic & Spine Relationships: *What Every Hip Surgeon Should Know*
Douglas A. Dennis, M.D.
- 7:36 #46 The Limited Reliability of the Safe Zone
Mark W. Pagnano, M.D.

- 7:42 #47 Optimizing Leg Length & Cup Position: *A Surgical Smart Tool*
Wayne G. Paprosky, M.D.
- 7:48 #48 A Hand Held Navigation Solution: *Ensuring the Sweet Spot*
Edwin P. Su, M.D.
- 7:54 #49 *Intra-Op Imaging Assures Pre-Op Cup & Stem Position Planning*
Robert L. Barrack, M.D.
- 8:00 Discussion

SESSION XIII – David G. Lewallen, M.D.

- 8:20 #50 The Asymptomatic & Painful THA: *A Monitoring & Intervention Protocol*
Steven J. MacDonald, M.D., F.R.C.S.(C)

The Revision Femur

- 8:30 #51 A Historic, Highly Polished, Tapered Alternative: *One Design Fits All*
Stephen A. Jones, M.B., F.R.C.S.
- 8:36 #52 Cemented Femoral Stem Fixation: *What Problems Does it Solve?*
Bryan D. Springer, M.D.
- 8:42 #53 The Non-Modular, Tapered, Fluted Stem: *Our Almost 100% Revision Solution*
Donald S. Garbuz, M.D., F.R.C.S.(C)
- 8:48 #54 The Modular Stem: *The Right Implant for the Difficult Revision*
Adolph V. Lombardi, Jr., M.D.
- 8:54 Discussion

SESSION XIV – Leo A. Whiteside, M.D.

The Revision Acetabulum: A Potpourri of Options

- 9:14 #55 Peri-Acetabular Osteolysis: *Cup Retention or Replacement*
C. Anderson Engh, Jr., M.D.
- 9:20 #56 Classifying Acetabular Bone Deficiency: *Implant Solution Options*
Wayne G. Paprosky, M.D.
- 9:26 #57 The Jumbo Cup: *Cementless Solution for Acetabular Bone Loss*
Paul F. Lachiewicz, M.D.
- 9:32 #58 Porous Metal Acetabular Augments: *When the Jumbo Cup Isn't Enough*
George J. Haidukewych, M.D.
- 9:38 #59 An Impaction Grafting Cement Alternative: *Recreating a Contained Defect*
Alejandro Gonzalez Della Valle, M.D.
- 9:44 #60 The Role of Cages in Acetabular Revision
Allan E. Gross, M.D., F.R.C.S.(C)
- 9:50 Discussion
- 10:10 Refreshments in the Exhibit Area

SESSION XV – Paul F. Lachiewicz, M.D.

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

- 10:40 The Cup Cage Construct: *Preferred Solution for Pelvic Discontinuity*
 - #61 Matthew P. Abdel, M.D. – *Affirms*
 - #62 Douglas A. Dennis, M.D. – *Opposes*
- 11:00 The Tourniquetless TKA: *A Miraculous Conversion*
 - #63 Jose A. Rodriguez, M.D. – *Affirms*
 - #64 Robert E. Booth, Jr., M.D. – *Opposes*
- 11:20 The Primary Modular Tibia: *Regardless of Age & BMI*
 - #65 Aaron A. Hofmann, M.D. – *Affirms*
 - #66 Michael E. Berend, M.D. – *Opposes*

SESSION XVI – Aaron G. Rosenberg, M.D.

- 11:40 #67 ***Hip & Knee Arthroplasty 2018: What's New, What's True, Does it Matter? Evidence Based Issues***
Fred D. Cushner, M.D.
Kevin L. Garvin, M.D.
Joshua J. Jacobs, M.D.
Tad M. Mabry, M.D.
Mark W. Pagnano, M.D.
- 12:10 Lunch

SESSION XVII – Aaron A. Hofmann, M.D.

- 1:10 #68 Biologic Therapies 2018: *Facts, Fictions & Costs*
Aaron G. Rosenberg, M.D.

Compartmental Knee Disease: Solution Options

- 1:20 #69 Medical Management of the Arthritic Patient: *Lest We Forget*
S. David Stulberg, M.D.
- 1:26 #70 Realignment Osteotomy with Cartilage Repair: *Avoiding Arthroplasty*
Allan E. Gross, M.D., F.R.C.S.(C)
- 1:32 #71 The Medial Uni-Compartment Alternative: *When Less is More*
Douglas D.R. Naudie, M.D., F.R.C.S.(C)
- 1:38 #72 Localized Patello-Femoral Arthritis: *A Third Compartment Solution*
Alejandro Gonzalez Della Valle, M.D.
- 1:44 #73 The Lateral Uni: *Don't Forget, You Can Also Go Outside*
Michael E. Berend, M.D.
- 1:50 #74 The Tri-Compartment Solution: *Stickin' With the One That Brung Ya!*
William G. Hamilton, M.D.
- 1:56 Discussion

SESSION XVIII – Steven B. Haas, M.D.

- 2:16 #75 The Causes of Modern TKA Failure: *Avoiding Your Next Revision*
Douglas E. Padgett, M.D.

Management Factorials in Primary TKA: Ensuring a Winner!

- 2:26 #76 Prior & Acute Tibial Plateau Fx's: *When is TKA an Option?*
Matthew P. Abdel, M.D.
- 2:32 #77 Which Implant Do I Pick: *Form Follows Function*
Jose A. Rodriguez, M.D.
- 2:38 #78 Achieving Alignment in TKA: *A Potpourri of Options*
Michael J. Dunbar, M.D., F.R.C.S.(C), Ph.D.
- 2:44 #79 Irrigation Options in TKA: *Are They Worth the Candle?*
Scott M. Sporer, M.D.
- 2:50 #80 Advancing Suture Technologies in TKA: *Stitches in Time*
Denis Nam, M.D.
- 2:56 #81 Post-Acute Care After TKA: *The Emerging Role of Surface Sensors*
S. David Stulberg, M.D.
- 3:02 Discussion

SESSION XIX – Kelly G. Vince, M.D., F.R.C.S.(C)

- 3:22 #82 ***What Would YOU Do? Challenges in Knee Surgery***
Keith R. Berend, M.D.
Aaron A. Hofmann, M.D.
Richard E. Jones, M.D.
Arun Mullaji, F.R.C.S.(Ed), M.S.
Thomas S. Thornhill, M.D.
- 3:52 Refreshments in the Exhibit Area

SESSION XX – Robert E. Booth, Jr., M.D.

Orthopaedic Crossfire® IV: Controversies in Knee Arthroplasty

- 4:22 Patella Resurfacing: *Rarely, If Ever Necessary*
#83 Robert L. Barrack, M.D. – *Affirms*
#84 Steven B. Haas, M.D. – *Opposes*
- 4:42 The Cementless Tibia: *A Viable Fixation Alternative*
#85 R. Michael Meneghini, M.D. – *Affirms*
#86 Gwo-Chin Lee, M.D. – *Opposes*
- 5:02 Robotic Assisted TKA: *A Bridge Too Far*
#87 Steven J. MacDonald, M.D., F.R.C.S.(C) – *Affirms*
#88 Fares S. Haddad, M.D., F.R.C.S. – *Opposes*

SESSION XXI – Thorsten Gehrke, M.D. & Javad Parvizi, M.D., F.R.C.S.

5:22 #89 **2018 Infection Consensus: Drugs, Bugs & Solution Options**

Daniel J. Berry, M.D.

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

Stephen A. Jones, M.B., F.R.C.S.

Leo A. Whiteside, M.D.

6:02 Adjournment

EXHIBITOR SYMPOSIA & BIOSKILLS

6:05p.m. - 8:00p.m.

SATURDAY, DECEMBER 15, 2018

6:30a.m. Buffet Breakfast

SESSION XXII – Douglas A. Dennis, M.D.

Problems After Knee Arthroplasty: “Things that go Bump in the Night”

7:30 #90 Preventing Wound Complications: *A Knee is Not a Hip*

Fred D. Cushner, M.D.

7:36 #91 The Knee That Won't Straighten: *Causalities & Management*

Edwin P. Su, M.D.

7:42 #92 Recurrent Haemarthrosis: *Raining on Your Parade*

Joshua J. Jacobs, M.D.

7:48 #93 The Management of Extensor Mechanism Complications

Kelly G. Vince, M.D., F.R.C.S.(C)

7:54 #94 The Unstable Knee: *Manifestations, Reasons & Corrective Actions*

Steven B. Haas, M.D.

8:00 #95 Peri-Prosthetic Femoral *Fx's: When to Repair or Replace*

George J. Haidukewych, M.D.

8:06 Discussion

SESSION XXIII – Daniel J. Berry, M.D.

Orthopaedic Crossfire® V: Still More Controversies in Knee Arthroplasty

8:26 *Extra-Articular Deformity is Always Correctable Intra-Articularly*

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

#97 Robert E. Booth, Jr., M.D. – *Opposes*

8:46 DAIR: *An Emerging Solution for PJI*

#98 Fares S. Haddad, M.D., F.R.C.S. – *Affirms*

#99 Mark W. Pagnano, M.D. – *Opposes*

9:06 Simultaneous Bilateral TKA: *Double Trouble*

#100 Javad Parvizi, M.D., F.R.C.S. – *Affirms*

#101 Bryan D. Springer, M.D. – *Opposes*

SESSION XXIV – Adolph V. Lombardi, Jr., M.D.

9:26 #102 Bone Loss Management in Revision TKA: *A Potpourri of Options*

David G. Lewallen, M.D.

Revision Knee Arthroplasty: Doin' the Right Thing

9:36 #103 UKA to TKA: *Is it as Good as a Primary Result?*

Arun Mullaji, F.R.C.S.(Ed), M.S.

9:42 #104 Exposure Options: *Factors Dictating the Pathway*

Kelly G. Vince, M.D., F.R.C.S.(C)

9:48 #105 The Optimal Use of Stems

Douglas D.R. Naudie, M.D., F.R.C.S.(C)

9:54 #106 Metaphyseal Cones for Large Bone Defects: *A Time & A Place*

Robert E. Booth, Jr., M.D.

10:00 #107 Rotating Hinge Implants: *Their Indications & Outcomes*

Thorsten Gehrke, M.D.

10:06 #108 The Multiply Operated Patient: *A Long Day's Journey into Night*

Richard E. Jones, M.D.

10:12 Discussion

10:32 Refreshments in the Exhibit Area

SESSION XXV – Jose A. Rodriguez, M.D.

Tips, Techniques & Technologies in Knee & Hip Reconstruction: “A Baker’s Dozen”

- 11:02 #109 Cryoablation: *Giving a Cold Shoulder to Knee Pain*
S. David Stulberg, M.D.
- 11:08 #110 Deformity Correction: *Avoiding Collateral Ligament Release*
Arun Mullaji, F.R.C.S.(Ed), M.S.
- 11:14 #111 Balancing the Knee: *The Use of Smart Trials*
Kenneth A. Gustke, M.D.
- 11:20 #112 Maximizing Cement Interdigitation During TKA
Richard E. Jones, M.D.
- 11:26 #113 Extensor Mechanism Deficiency: *A Marlex Mesh Solution*
Matthew P. Abdel, M.D.
- 11:32 #114 Implant Extraction in Revision Knee Arthroplasty
Adolph V. Lombardi, Jr., M.D.
- 11:38 #115 Intra-Articular Spacer Options for Infection: *Which for What*
Tad M. Mabry, M.D.
- 11:44 #116 Table Mounted Retraction System: *A Tireless Surgical Assistant*
Edwin P. Su, M.D.
- 11:50 #117 The Superior Hip Arthroplasty: *Safe, Reliable & Cost Efficient*
Stephen B. Murphy, M.D.
- 11:56 #118 The Principles of Cemented Femoral Fixation: *Not to Be Forgotten*
Thorsten Gehrke, M.D.
- 12:02 #119 Management of Ceramic Component Complications
Martin A. Buttarò, M.D.
- 12:08 #120 Removal of the Well-Fixed Acetabular Component: *Step-by-Step*
David G. Lewallen, M.D.
- 12:14 #121 Extended Trochanteric Osteotomy: *Variations on a Theme*
Michael E. Berend, M.D.
- 12:20 Closure

CLOSING LUNCH

12:20p.m. - 1:20p.m.
