CURRENT CONCEPTS IN JOINT REPLACEMENT

Winter 2017

Hyatt Regency Grand Cypress
Orlando, Florida

December 13 - 16, 2017

A Continuing Medical Education Program

Course Director:

A. SETH GREENWALD, D.PHIL.(OXON)
REGISTRATION: Grand Cypress Ballroom Foyer
6:00p.m. - 8:00p.m. Wednesday, December 13
6:30a.m. - 1:00p.m. Thursday-Saturday, December 14-16

WEDNESDAY, DECEMBER 13, 2017
WELCOME RECEPTION: Regency Hall
6:00p.m. - 8:00p.m.

THURSDAY, DECEMBER 14, 2017
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 Assuring the “Long Term” TJA: A Triad of Variables
Fares S. Haddad, M.D., F.R.C.S.

Orthopaedic Crossfire® I: Is the Increasing Use of Ceramics in THA Justified?
7:45 Ceramic Heads Should Be Used in All Patients
#2 Robert T. Trousdale, M.D. – Affirms
#3 C. Anderson Engh, Jr., M.D. – Opposes
8:05 Ceramic-Ceramic: Articulations of Longevity for the Young Active Patient
#4 William L. Walter, M.D., F.R.A.C.S., Ph.D. – Affirms
#5 Steven J. MacDonald, M.D., F.R.C.S.(C) – Opposes
8:25 Ceramics Decrease the Incidence of Peri-Prosthetic Joint Infection
#6 Javad Parvizi, M.D., F.R.C.S. – Affirms
#7 Robert L. Barrack, M.D. – Opposes

SESSION II – R. Michael Meneghini, M.D.
8:45 #8 The Outpatient THA: Get Ahead & Stay Ahead
Mark W. Pagnano, M.D.
8:51 #9 Contemporary Polymers: Eliminate Clinically Significant Osteolysis
John J. Callaghan, M.D.
8:57 #10 Cemented Femoral Fixation: Optimal Hybrid Solution
Alejandro Gonzalez Della Valle, M.D.
9:03 #11 The Short Stem: Good Things Come in Small Packages
Adolph V. Lombardi, Jr., M.D.
9:09 #12 Femoral Head Size: Is Bigger Always Better?
Paul F. Lachiewicz, M.D.
9:15 #13 Acetabular Options: What Works & for Whom?
Thomas P. Sculco, M.D.
9:21 Discussion

SESSION III – Daniel J. Berry, M.D.
9:41 #14 Performing a Primary Hip Arthroplasty
Michael J. Dunbar, M.D., F.R.C.S.(C), Ph.D.
Denis Nam, M.D.
Javad Parvizi, M.D., F.R.C.S.
Edwin P. Su, M.D.
10:11 Refreshments in the Exhibit Area

SESSION IV – Keith R. Berend, M.D.
Fractures About the Hip: The Confounding, Curious & Commonplace
10:41 #15 Femoral Neck Fx’s: Fix or Replace?
George J. Haidukewych, M.D.
10:47 #16 When ORIF of Proximal Femoral Fx’s Fails: Salvage Options
Daniel J. Berry, M.D.
10:53 #17 Acetabular Fx’s in the Young & Elderly: The Role of Arthroplasty
Matthew P. Abdel, M.D., M.S.
10:59 #18 Pathologic Fx’s: Principles of Management
Michael J. Taunton, M.D.
SESSION V – Robert T. Trousdale, M.D., *Orthopaedic Crossfire*® II: Controversial Issues in Hip Arthroplasty

11:37 Routine Use of Commercial Antibiotic-Loaded Bone Cement in Primary TJA

- #21 Thorsten Gehrke, M.D. – *Affirms*
- #22 Michael A. Mont, M.D. – *Opposes*

11:57 The Mini-Posterior Approach: *Evidence Over Eminence*

- #23 Lawrence D. Dorr, M.D. – *Affirms*
- #24 Michael J. Taunton, M.D. – *Opposes*

12:17 Dual Mobility Cups: *The Emergent Solution for Recurrent Dislocation*

- #25 Craig J. Della Valle, M.D. – *Affirms*
- #26 Thomas P. Sculco, M.D. – *Opposes*

12:37 #27 OREF/CCJR Clinical Award Paper

Antonia F. Chen, M.D., M.B.A.

12:47 Lunch

SESSION VI – Michael A. Mont, M.D., *The Difficult Primary: Pathologies that Bedevil*

1:47 #28 Obesity & Comorbidity: *How are Patient Outcomes Affected?*

- David G. Lewallen, M.D.

1:53 #29 Adult Hip Dysplasia: *A Treatment Algorithm*

- Allan E. Gross, M.D., F.R.C.S.(C)

1:59 #30 Neuromuscular Imbalance: *In a Class of Their Own*

- Michael J. Taunton, M.D.

2:05 #31 The Down Syndrome Patient: *Improving Quality of Life*

- Aaron G. Rosenberg, M.D.

2:11 #32 Acetabular Protrusio: *A Problem in Depth*

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

2:17 #33 Osteonecrosis: *The Arthroplasty Solution*

- John J. Callaghan, M.D.

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)
- Gwo-Chin Lee, M.D.
- Jay R. Lieberman, M.D.
- Stephen B. Murphy, M.D.

3:13 Refreshments in the Exhibit Area

SESSION VIII – Jose A. Rodriguez, M.D.

3:43 #35 Deferring Arthroplasty: *Defining & Treating the Pathology*

- Robert T. Trousdale, M.D.

*Hip Arthroplasty: Avoiding Pitfalls & Managing Problems*

3:53 #36 Surface Replacement: *Picking the Right Patient & Surgeon*

- Robert L. Barrack, M.D.

3:59 #37 The Influence of Bone Quality on Implant & Fixation Choice

- Lawrence D. Dorr, M.D.

4:05 #38 Blood Conservation Strategies: *The Impact of TXA*

- Mark W. Pagnano, M.D.

4:11 #39 DVT Prophylaxis: *Risk Stratification Solutions*

- Joshua J. Jacobs, M.D.

4:17 #40 Pain Management: *Assuring a Happy Patient*

- Gwo-Chin Lee, M.D.

4:23 #41 Hip Instability: *Causes & Management*

- Matthew J. Kraay, M.D.

4:29 Discussion

SESSION IX – Douglas E. Padgett, M.D., *Tips, Techniques & Technologies in Hip Reconstruction*

4:49 #42 Superior Capsulotomy: *An Ideal THA Approach*

- Stephen B. Murphy, M.D.
4:54 #43 Optimizing Leg Length & Cup Position: A 3D Tool
Wayne G. Paprosky, M.D.

4:59 #44 Rim-Flared Cups: Livin’ on the Edge
Aaron A. Hofmann, M.D.

5:04 #45 Hip Abductor Deficiency: What Can You Do About It?
Michael J. Dunbar, M.D., F.R.C.S.(C), Ph.D.

5:09 #46 Cementing the Perfect Hip: Lest We Forget
Chitranjan S. Ranawat, M.D.

5:14 Discussion

5:24 #47 Post-Operative Patient Lab Draws: Are We Overreacting?
Keith R. Berend, M.D.

5:29 #48 Surface Replacement Mortality: A Better Bet Than THA?
Peter J. Brooks, M.D., F.R.C.S.(C)

5:34 #49 Peri-Prosthetic Greater Trochanter Fx Repair
C. Anderson Engh, Jr., M.D.

5:39 #50 Limited Femorotomy: Removing a Well-Fixed Stem
William L. Walter, M.D., F.R.A.C.S., Ph.D.

5:44 #51 Extended Trochanteric Ostectomy: Component Retrieval & Repair
Matthew J. Kraay, M.D.

5:49 Discussion

EXHIBITORS’ RECEPTION: Regency Hall
6:00p.m.-7:00p.m.

SESSION X – Allan E. Gross, M.D., F.R.C.S.(C)
7:00 #52 WALKING WITH GIANTS® ASK THE EXPERTS
- Participant-Presented Problem Cases
David G. Lewallen, M.D.
Wayne G. Paprosky, M.D.
Aaron G. Rosenberg, M.D.
Thomas S. Thornhill, M.D.

8:00 Adjournment

FRIDAY, DECEMBER 15, 2017
6:30a.m. Buffet Breakfast

SESSION XI – Lawrence D. Dorr, M.D.
7:30 #53 What Safe Zone?: An Artifice Masking Dislocation
Matthew P. Abdel, M.D., M.S.

Achieving Optimal Cup Placement: Avoiding Dislocation Early & Late
7:40 #54 The Role of Landmarks: Following the Anatomy
Chitranjan S. Ranawat, M.D.

7:46 #55 Handheld Navigation in THA: Ensuring the Sweet Spot
Edwin P. Su, M.D.

7:52 #56 Smart Mechanical Navigation: Establishing Cup Position
Stephen B. Murphy, M.D.

7:58 #57 I-Robot: Helping Assure Outcome in the Complex Primary Hip
Fares S. Haddad, M.D., F.R.C.S.

8:04 #58 Intra-Operative Imaging Assures Pre-Operative Cup Position Planning
Robert L. Barrack, M.D.

8:10 Discussion

SESSION XII – Leo A. Whiteside, M.D.
8:30 #59 Surface Coatings: What They Portend in TJA
Edwin P. Su, M.D.

The Revision Femur
8:40 #60 The Painful Metal-Metal Hip Replacement: Monitoring & Intervention
Steven J. MacDonald, M.D., F.R.C.S.(C)

8:46 #61 Femoral Stem Impaction Grafting: Extending the Role of Cement
Thorsten Gehrke, M.D.

8:52 #62 The Non-Modular Tapered Fluted Stem: Emergent First Choice
Donald S. Garbuz, M.D., F.R.C.S.(C)

8:58 #63 The Modular Stem: The Right Implant for Difficult Femoral Revisions
Wayne G. Paprosky, M.D.

9:04 Discussion
SESSION XIII – Wayne G. Paprosky, M.D.
The Revision Acetabulum: A Popoutrri of Options
9:24 #64 Osteolysis in the Well-Fixed Socket: Cup Retention or Replacement? Douglas E. Padgett, M.D.
9:30 #65 The Jumbo Cup: Cementless Solution for Contained Acetabular Bone Loss C. Anderson Engh, Jr., M.D.
9:36 #66 Porous Tantalum Acetabular Augments: When A Jumbo Cup Won’t Work George J. Haidukewych, M.D.
9:42 #67 An Impaction Grafting Cement Alternative: Recreating a Contained Defect Alejandro Gonzalez Della Valle, M.D.
9:48 #68 A Custom Specific Solution for Extensive Bone Loss: The Use of 3D Printing Thorsten Gehrke, M.D.
9:54 Discussion
10:14 Refreshments in the Exhibit Area

SESSION XIV – Aaron G. Rosenberg, M.D.
John J. Callaghan, M.D.
Michael J. Dunbar, M.D., F.R.C.S.(C), Ph.D.
Joshua J. Jacobs, M.D.
Michael A. Mont, M.D.
Michael J. Taunton, M.D.

SESSION XV – Daniel J. Berry, M.D.
Orthopaedic Crossfire® III: Re-Examining Hip & Knee Arthroplasty Technologies
11:13 The Cup Cage Construct: Preferred Solution for Pelvic Discontinuity
#70 Allan E. Gross, M.D., F.R.C.S.(C) – Affirms
#71 Keith R. Berend, M.D. – Opposes
11:33 Posterior Stabilized Knee Designs: Vestigial Organs
#72 R. Michael Meneghini, M.D. – Affirms
#73 Douglas E. Padgett, M.D. – Opposes
11:53 Kinematic Alignment Optimizes Patient Outcome
#74 Michael J. Dunbar, M.D., F.R.C.S.(C), Ph.D. – Affirms
#75 David G. Lewallen, M.D. – Opposes
12:13 #76 A Summing Up: Wisdom Comes with Time & Age
William H. Harris, M.D.
12:23 Lunch

SESSION XVI – Craig J. Della Valle, M.D.
Compartmental Knee Disease: Solution Options
1:23 #77 Braces, Injectables & Beyond: Get Boomers Back in the Game
Jay R. Lieberman, M.D.
1:29 #78 Realignment Osteotomy with Cartilage Repair: An Effective Long Term Solution
Allan E. Gross, M.D., F.R.C.S.(C)
1:35 #79 The Mobile Uni: When Less is More
Arun Mullaji, F.R.C.S.(Ed), M.S.
1:41 #80 The Painful UKA: A Role for Arthroscopy
Adolph V. Lombardi, Jr., M.D.
1:47 #81 Isolated Patello-Femoral Replacement: A Third Compartment Solution
Alejandro Gonzalez Della Valle, M.D.
1:53 Discussion

SESSION XVII – Kenneth A. Gustke, M.D.
Management Factorials in Primary TKA: Ensuring a Winner!
2:13 #82 Fx’s Around the Knee: When is Arthroplasty an Option? George J. Haidukewych, M.D.
2:19 #83 Which Implant Do I Pick: When Do I Need a Constrained Component? Paul F. Lachiewicz, M.D.
2:25 #84 Improving Patient Satisfaction: Restoring Nature’s Geometry Jose A. Rodriguez, M.D.
2:31 #85 Reducing Opiate Use: The Tourniquetless TKA R. Michael Meneghini, M.D.
2:37 #86 Deformity Correction: Avoiding Ligament Release
Arun Mullaji, F.R.C.S.(Ed), M.S.
2:43 #87 Post-Acute Care After TJA: There is No Place Like Home
Michael E. Berend, M.D.
2:49 Discussion
SESSION XVIII – Kelly G. Vince, M.D., F.R.C.S.(C)
3:09 #88 What Would YOU DO? Challenges in Knee Surgery
Aaron A. Hofmann, M.D.
Matthew J. Kraay, M.D.
Chitranjan S. Ranawat, M.D.
Thomas P. Schmalzried, M.D.
Thomas P. Sculco, M.D.
3:39 Refreshments in the Exhibit Area

SESSION XIX – Javad Parvizi, M.D., F.R.C.S.
The Infected Knee Arthroplasty: Bugs, Drugs & Solution Options
4:04 #89 Infection Prevention: 12 Modifiable Risk Factors
Bryan D. Springer, M.D.
4:10 #90 Diagnosing PJI: A Step-By-Step Evaluation Protocol
Craig J. Della Valle, M.D.
4:16 #91 Single Stage Exchange: Variations on a Theme
Fares S. Haddad, M.D., F.R.C.S.
4:22 #92 The Role of Direct Antibiotic Irrigation Through Catheter Infusion
Leo A. Whiteside, M.D.
4:28 #93 The Two Stage Standard: Techniques, Timing & Statistics
Mark W. Pagnano, M.D.
4:34 #94 Wound Complications After TKA: A Knee is Not a Hip
Gwo-Chin Lee, M.D.
4:40 Discussion

SESSION XX – Thomas S. Thornhill, M.D.
Orthopaedic Crossfire® IV: Controversies in Knee Arthroplasty
5:00 Medial Pivot Designs Avoid the Need for Ligament Balancing
#95 William L. Walter, M.D., F.R.A.C.S., Ph.D. – Affirms
#96 Denis Nam, M.D. – Opposes
5:20 Robotic Assisted TKA: The Future is Now
#97 Steven B. Haas, M.D. – Affirms
#98 Steven J. MacDonald, M.D., F.R.C.S.(C) – Opposes
5:40 The Cemented All Poly Tibia: Solution for All Seasons
#99 Robert T. Trousdale, M.D. – Affirms
#100 Michael E. Berend, M.D. – Opposes
6:00 Adjournment

EXHIBITOR BIOSKILLS & SATELLITE EVENTS
6:00p.m.-8:00p.m.
SATURDAY, DECEMBER 16, 2017
6:30a.m. Buffet Breakfast

SESSION XXI – Aaron A. Hofmann, M.D.
Problems After Knee Arthroplasty: “Things that go Bump in the Night”
7:30 #101 The Stiff Knee: An Algorithmic Approach to Causality & Treatment
Thomas P. Sculco, M.D.
7:36 #102 Post-Operative Knee Pain: Diagnosis & Treatment Options
Richard E. Jones, M.D.
7:42 #103 Recurrent Hemarthrosis: Raining on Your Parade
Aaron G. Rosenberg, M.D.
7:48 #104 Residual Flexion Contractures: The Thing I Left Behind
Adolph V. Lombardi, Jr., M.D.
7:54 #105 Avoiding Patella Clunk & Crepitus: Running Silent
Steven B. Haas, M.D.
8:00 Discussion

SESSION XXII – Jay R. Lieberman, M.D.
Orthopaedic Crossfire® V: Still More Controversies in Knee Arthroplasty
8:20 The Cementless Knee: Emergent Game Changer
#106 Matthew P. Abdel, M.D., M.S. – Affirms
#107 Thomas P. Schmalzried, M.D. – Opposes
8:40 Measured Resection Trumps Gap Balancing in TKA
#108 Thomas S. Thornhill, M.D. – Affirms
#109 Bryan D. Springer, M.D. – Opposes
9:00 The Hinge: Prerequisite Solution for the Infected TKA
#110 Thorsten Gehrke, M.D. – Affirms
#111 Fares S. Haddad, M.D., F.R.C.S. – Opposes
SESSION XXIII – David G. Lewallen, M.D.
9:20 #112 Lessons from the Registries: Pronouncements of Populism
Kelly G. Vince, M.D., F.R.C.S.(C)

Revision Knee Arthroplasty: Doin’ the Right Thing
9:30 #113 Planning Your Next Revision: Avoiding Chaos
Kenneth A. Gustke, M.D.
9:36 #114 Exposure Options for the Revision Knee: Getting There Safely
Denis Nam, M.D.
9:42 #115 Instability After TKA: Causes & Cures
Steven B. Haas, M.D.
9:48 #116 The Management of Extensor Mechanism Complications
Joshua J. Jacobs, M.D.
9:54 #117 The Optimal Use of Stems in Revision TKA
Leo A. Whiteside, M.D.
10:00 #118 Bone Loss Management: A Potpourri of Options
Jose A. Rodriguez, M.D.
10:06 Discussion
10:26 Refreshments in the Exhibit Area

SESSION XXIV – Daniel J. Berry, M.D.
10:55 #119 The Multiply Revised Knee Arthroplasty: End Game
George J. Haidukewych, M.D.
Aaron A. Hofmann, M.D.
Richard E. Jones, M.D.
Kelly G. Vince, M.D., F.R.C.S.(C)

SESSION XXV – Thomas P. Schmalzried, M.D.
Tips, Techniques & Technologies in Knee Reconstruction
11:25 #120 The Lateral Uni: Don’t Forget to go Outside
Michael E. Berend, M.D.
11:30 #121 Seven Little Cuts to the Perfect TKA
Peter J. Brooks, M.D., F.R.C.S.(C)
11:35 #122 Addressing Varus Deformity: A Ligament Pie-Crusting Technique
Alejandro Gonzalez Della Valle, M.D.
11:40 #123 The Use of Smart Tibial Trials in Primary TKA: Assuring Outcome
Kenneth A. Gustke, M.D.
11:45 #124 Maximizing Cement Interdigitation During TKA
Richard E. Jones, M.D.
11:50 #125 Advancing Suture Technologies in TKA: Stitches in Time
Michael A. Mont, M.D.
11:55 Discussion
12:05 #126 The Unresurfaced Patella Should Work: But What If?
Keith R. Berend, M.D.
12:10 #127 Patella Maltracking: Spinning Out of Control
Kelly G. Vince, M.D., F.R.C.S.(C)
12:15 #128 Techniques for Managing Flexion Contractures
Leo A. Whiteside, M.D.
12:20 #129 Metaphyseal Cones for Severe Bone Loss: When Only Metal Will Do
Paul F. Lachiewicz, M.D.
12:25 #130 Irrigation & Debridement for PJI: A Sharp Knife is Needed
Javad Parvizi, M.D., F.R.C.S.
12:30 #131 Getting Out the Well-Fixed Knee: Tricks of the Trade
C. Anderson Engh, Jr., M.D.
12:35 Discussion
12:45 Closure