Cleveland, Ohio

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CURRENT CONCEPTS IN JOINT REPLACEMENT®

Winter 2016

Hyatt Regency Grand Cypress
Orlando, Florida

December 14 - 16, 2016

A Continuing Medical Education Program

Course Director:

A. SETH GREENWALD, D.PHIL.(OXON)
REGISTRATION: Grand Cypress Ballroom Foyer
6:00 p.m. - 8:00 p.m. Wednesday, December 14
6:30 a.m. - 1:00 p.m. Thursday-Saturday, December 15-17

WEDNESDAY, DECEMBER 14, 2016
WELCOME RECEPTION: Regency Hall
6:00 p.m. - 8:00 p.m.

THURSDAY, DECEMBER 15, 2016
6:30 a.m. Buffet Breakfast

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

SESSION I – Thomas S. Thornhill, M.D.
7:35 #1 Silent Trunnion Corrosion: What Surgeons Need to Know in 2016
Clive P. Duncan, M.D., F.R.C.S.(C)
Orthopaedic Crossfire® I: Contemporary Hip Technologies, Do They Work?
7:45 Ceramic-Ceramic Bearings in Patients <60 Assures Longevity
#2 Gwo-Chin Lee, M.D. – Affirms
#3 Douglas E. Padgett, M.D. – Opposes
8:05 The Anterior Approach: Better, Faster, Safer
#4 Jose A. Rodriguez, M.D. – Affirms
#5 Bryan D. Springer, M.D. – Opposes
8:25 The Outpatient THA: A Paradigm Change
#6 Keith R. Berend, M.D. – Affirms
#7 Jay R. Lieberman, M.D. – Opposes

SESSION II – Robert L. Barrack, M.D.
Primary Hip Replacement: What Works & for Whom?
8:45 #8 Crosslinked Polymers: Enough is Enough
C. Anderson Engh, Jr., M.D.
8:52 #9 Cemented Femoral Fixation: The French Paradox & Beyond
Moussa Hamadouche, M.D., Ph.D.
8:59 #10 Not All Cementless Stems are Created Equal: Is There a Selection Bias?
Edwin P. Su, M.D.
9:06 #11 Femoral Neck Modularity: Both Sides Now
Stephen B. Murphy, M.D.
9:13 #12 Acetabular Cup & Liner Options
David G. Lewallen, M.D.
9:20 #13 Patient Activity Following Arthroplasty: Will the Above Endure?
Thomas P. Schmalzried, M.D.
9:27 Discussion

SESSION III – Daniel J. Berry, M.D.
9:47 #14 Performing a Primary Hip Arthroplasty
Peter J. Brooks, M.D., F.R.C.S.(C)
John C. Clohisy, M.D.
Donald S. Garbuz, M.D., F.R.C.S.(C)
Moussa Hamadouche, M.D., Ph.D.
10:22 Refreshments in the Exhibit Area

SESSION IV – Fares S. Haddad, M.D., F.R.C.S.
Fractures About the Hip: The Confounding, Curious & Commonplace
10:47 #15 Displaced Femoral Neck Fx’s in the 50-60 Year Old: Dilemmas of Choice
George J. Haidukewych, M.D.
10:54 #16 When Proximal Femoral Fixation Fails: Salvage Options
William J. Hozack, M.D.
11:01 #17 Pathologic Fx’s: In a Class of Their Own
Matthew P. Abdel, M.D., M.S.
11:08 #18 Acetabular Fx’s in the Young & Elderly: The Role of Arthroplasty
                      Bryan D. Springer, M.D.

11:15 #19 Intra-Operative Fx’s During THA: See It Before It Sees You
                      Donald S. Garbuz, M.D., F.R.C.S.(C)

11:22 #20 Peri-Prosthetic Fx’s: Is It a Problem on the Rise?
                      Aaron G. Rosenberg, M.D.

11:29 Discussion

SESSION V – Clive P. Duncan, M.D., F.R.C.S.(C)
Orthopaedic Crossfire® II: Controversial Issues in Hip Arthroplasty
11:49 Why Cut Off Your Head? Resurface It Instead
                      Peter J. Brooks, M.D., F.R.C.S.(C) – Affirms
                      Steven J. MacDonald, M.D., F.R.C.S.(C) – Opposes

12:09 The Short Stem: Proven Solution for ALL Primary Hips
                      S. David Stulberg, M.D. – Affirms
                      Lawrence D. Dorr, M.D. – Opposes

12:29 Ceramic-XLPE in Patients <60: The New Standard
                      Adolph V. Lombardi, Jr., M.D. – Affirms
                      Thomas P. Schmalzried, M.D. – Opposes

12:49 #27 OREF/CCJR Clinical Award Paper
                      Denis Nam, M.D.

12:59 Lunch

SESSION VI – Joshua J. Jacobs, M.D.
The Difficult Primary: Pathologies that Bedevil
1:59 #28 Obesity in THA: Does It Matter?
                      Richard E. Jones, M.D.

2:06 #29 The Dysplastic Hip: Not for the Shallow Surgeon
                      John C. Clohisy, M.D.

2:13 #30 Acetabular Protrusio: Avoiding the Deep
                      Kenneth A. Gustke, M.D.

2:20 #31 The Down Syndrome Patient: Not a Downer
                      John J. Callaghan, M.D.

2:27 #32 Neurovascular Challenged Patients: The Untouchables?
                      Clive P. Duncan, M.D., F.R.C.S.(C)

2:34 #33 Osteonecrosis: Is It an Arthroplasty Solution?
                      Richard Iorio, M.D.

2:41 Discussion

SESSION VII – Steven J. MacDonald, M.D., F.R.C.S.(C)
3:01 #34 What Would YOU do? Challenges in Hip Surgery
                      Hugh U. Cameron, M.B., F.R.C.S.(C)
                      Lawrence D. Dorr, M.D.
                      C. Anderson Engh, Jr., M.D.
                      Stephen B. Murphy, M.D.
                      Bryan D. Springer, M.D.

3:36 Refreshments in the Exhibit Area

SESSION VIII – Mark W. Pagnano, M.D.
4:01 #35 Hip Joint Preservation: Avoiding or Deferring Arthroplasty
                      John C. Clohisy, M.D.

Hip Arthroplasty: Avoiding Pitfalls & Managing Problems
4:11 #36 Pre-Operative Planning: Lest We Forget
                        Chitrnanjan S. Ranawat, M.D.

4:18 #37 I-Robot: Helping Assure Outcome in the Complex Primary Hip
                        Douglas E. Padgett, M.D.

4:25 #38 Blood Conservation: Pre, Peri & Post-Operative Strategies
                        Matthew J. Kraay, M.D.

4:32 #39 Post-Surgical Neuropathy: Consequences & Treatment
                        William J. Hozack, M.D.

4:39 #40 DVT Prophylaxis: Risk Stratification Solutions
                        Javad Parvizi, M.D., F.R.C.S.

4:46 #41 Metal-Metal Hip Replacement: Monitoring & Managing the Returns
                        Joshua J. Jacobs, M.D.

4:53 Discussion
SESSION IX – Lawrence D. Dorr, M.D.

Recurrent Dislocation: The Most Common Indication for Revision THA

5:13 #42 Causes of Hip Instability: An Algorithmic Approach to Treatment
Craig J. Della Valle, M.D.

5:20 #43 The 36mm Femoral Head, One Size Fits All: Problem Solved?
Adolph V. Lombardi, Jr., M.D.

5:27 #44 Constrained Liners: Yesterday’s Solution?
Thomas P. Sculco, M.D.

5:34 #45 The Dual Mobility Cup: A Long Term Solution
Moussa Hamadouche, M.D., Ph.D.

5:41 #46 Intra-Operative Digital Imaging: Assuring Component Alignment
Robert L. Barrack, M.D.

5:48 #47 Overcoming Abductor Deficiency: A Soft Tissue Solution
Leo A. Whiteside, M.D.

5:55 Discussion

6:15 Adjournment

EXHIBITORS’ RECEPTION: Regency Hall
6:15p.m.-7:30p.m.

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

19:30 #48 WALKING WITH GIANTS® ASK THE EXPERTS
- Participant-Presented Problem Cases
Daniel J. Berry, M.D.
Fares S. Haddad, M.D., F.R.C.S.
Wayne G. Paprosky, M.D.
Aaron G. Rosenberg, M.D.

20:30 Adjournment

FRIDAY, DECEMBER 16, 2016

6:30a.m. Buffet Breakfast

SESSION XI – Leo A. Whiteside, M.D.

The Revision Femur: A Potpourri of Options

7:30 #49 Classifying Femoral Bone Deficiency: Choosing the Right Implant
Wayne G. Paprosky, M.D.

7:37 #50 Femoral Stem Impaction Grafting: Extending the Role of Cement
Thorsten Gehrke, M.D.

7:44 #51 A Modular Metaphyseal Sleeve: A Long Term Straight Stem Solution
Hugh U. Cameron, M.B., F.R.C.S.(C)

7:51 #52 Tapered Modular Stems: A Versatile Option
William J. Hozack, M.D.

7:58 #53 Femoral Stem Modularity: How I Kicked the Habit
Jose A. Rodriguez, M.D.

8:05 #54 Monobloc or Modular Revision Stems: How Do I Decide?
Clive P. Duncan, M.D., F.R.C.S.(C)

8:12 Discussion

SESSION XII – John J. Callaghan, M.D.

8:32 #55 Bone Grafts & Their Substitutes: Understanding the Three O’s
Joshua J. Jacobs, M.D.

The Revision Acetabulum

8:42 #56 The Jumbo Cup: The Workhorse of the Acetabular Revision
C. Anderson Engh, Jr., M.D.

8:49 #57 Highly Porous Shells & Augments: Big Hopes for Big Holes
David G. Lewallen, M.D.

8:56 #58 The Custom Acetabular Component: The 3D Printed Solution
Thorsten Gehrke, M.D.

9:03 #59 The Triflange Cup: Build It & They Will Wait
Keith R. Berend, M.D.

9:10 #60 Acetabular Distraction: An Alternative Approach for Pelvic Discontinuity
Wayne G. Paprosky, M.D.

9:17 #61 Massive Acetabular Deficiency: The Cage Solution
Allan E. Gross, M.D., F.R.C.S.(C)

9:24 Discussion
SESSION XIII – Aaron G. Rosenberg, M.D.
   Michael J. Dunbar, M.D., F.R.C.S.(C), Ph.D.
   Matthew J. Kraay, M.D.
   Michael A. Mont, M.D.
   Thomas P. Schmalzried, M.D.
   Edwin P. Su, M.D.
10:19 Refreshments in the Exhibit Area

SESSION XIV – Robert T. Trousdale, M.D.
Orthopaedic Crossfire III: Re-Examining Hip & Knee Arthroplasty Technologies
10:44 Avoiding Instability: The Transtrochanteric Approach
   #63 Moussa Hamadouche, M.D., Ph.D. – Affirms
   #64 Matthew P. Abdel, M.D., M.S. – Opposes
11:04 Neutral Mechanical Alignment: Stickin’ With the One that Brung Ya!
   #65 Chitranjan S. Ranawat, M.D. – Affirms
   #66 Michael J. Dunbar, M.D., F.R.C.S.(C), Ph.D. – Opposes
11:24 The Medial Stabilized Knee: The “Post-Cam” Replacement
   #67 Fares S. Haddad, M.D., F.R.C.S. – Affirms
   #68 Paul F. Lachiewicz, M.D. – Opposes

SESSION XV – Kelly G. Vince, M.D., F.R.C.S.(C)
11:44 #69 The Causes of TKA Failure: Avoiding Your Next Revision
   Thomas S. Thornhill, M.D.

Compartmental Knee Disease: Solution Options
11:54 #70 Cartilage Repair: A Realistic or Forestalling Option?
   Allan E. Gross, M.D., F.R.C.S.(C)
12:00 #71 Knee Braces 2016: A Growing Appreciation of Benefit
   Michael A. Mont, M.D.
12:06 #72 Distal Femoral Osteotomy: Unloading the Lateral Compartment
   Peter J. Brooks, M.D., F.R.C.S.(C)
12:12 #73 Proximal Tibial Osteotomy: Unloading the Medial Compartment
   Mark W. Pagnano, M.D.
12:18 #74 The Medial Uni-Compartment Alternative: Fixed or Mobile?
   Craig J. Della Valle, M.D.
12:24 #75 Isolated Patello-Femoral Replacement: A Third Compartment Solution
   Aaron A. Hofmann, M.D.
12:30 #76 The Tri-Compartment Solution: Just Read the Literature
   Steven J. MacDonald, M.D., F.R.C.S.(C)
12:36 Discussion
12:56 Lunch

SESSION XVI – Bryan D. Springer, M.D.
Management Factorials in Primary TKA: Ensuring a Winner!
1:56 #77 Improving Patient Satisfaction After TKA: Restoring Nature’s Geometry
   Jose A. Rodriguez, M.D.
2:03 #78 Correcting Severe Varus Deformity: Unbowed
   Arun Mullagi, F.R.C.S.(Ed), M.S.
2:10 #79 Correcting Severe Valgus Deformity: Taking Out the Knock
   Steven B. Haas, M.D.
2:17 #80 Assuring Soft Tissue Balance: The Use of Smart Trials
   Kenneth A. Gustke, M.D.
2:24 #81 Peri-Operative Pain Management: Assuring a Happy Patient
   Richard Iorio, M.D.
2:31 #82 Simultaneous Bilateral TKA: Does it Have a Place?
   Thomas P. Suelco, M.D.
2:38 Discussion

SESSION XVII – Adolph V. Lombardi, Jr., M.D.
3:03 #83 What Would YOU Do? Challenges in Knee Surgery
   Richard Iorio, M.D.
   Richard E. Jones, M.D.
   Gwo-Chin Lee, M.D.
   Douglas E. Padgett, M.D.
   Thomas S. Thornhill, M.D.
3:38 Refreshments in the Exhibit Area
SESSION XVIII – Thomas P. Sculco, M.D.
*Orthopaedic Crossfire® IV: Controversies in Knee Arthroplasty*

4:03  The Cemented All Poly Tibia in the Active <60 Patient

#84  Robert T. Trousdale, M.D. – *Affirms*
#85  Aaron A. Hofmann, M.D. – *Opposes*

4:23  The Bi-Cruciate Retaining Knee: *A Bridge Too Far*

#86  Mark W. Pagnano, M.D. – *Affirms*
#87  Adolph V. Lombardi, Jr., M.D. – *Opposes*

4:43  Patella Resurfacing: *Rarely, if Ever, Necessary*

#88  Robert L. Barrack, M.D. – *Affirms*
#89  Steven B. Haas, M.D. – *Opposes*

SESSION XIX – Javad Parvizi, M.D., F.R.C.S.
*The Infected Knee Arthroplasty: Bugs, Drugs & Solution Options*

5:03  #90  Minimizing Infection Risk: *A Peri-Operative Checklist*
      Gwo-Chin Lee, M.D.
5:09  #91  Diagnosing Infection: *Pathways to Progress 2016*
      Fares S. Haddad, M.D., F.R.C.S.
5:15  #92  Antibiotic Infusion: *Single Stage Solution for the Infected Cementless Knee*
      Leo A. Whiteside, M.D.
5:21  #93  An “Inadvertent” One Stage Solution
      Donald S. Garbuz, M.D., F.R.C.S.(C)
5:27  #94  The Two Stage Standard: *Techniques, Timing & Statistics*
      Daniel J. Berry, M.D.
5:33  #95  Wound Healing Problems: *A Knee is Not a Hip*
      Jay R. Lieberman, M.D.
5:39  Remits & Recommendations
5:59  Adjournment

EXHIBITOR SATELLITE EVENTS

6:00p.m.-11:30p.m.

SATURDAY, DECEMBER 17, 2016

6:30a.m.   Buffet Breakfast

SESSION XX – David G. Lewallen, M.D.
*Problems After Knee Arthroplasty: “Things that go Bump in the Night”*

7:30  #96  Gain Sharing in Bundled Payment TJA: *The Requisite of Surgeon Leadership*
      Stephen B. Murphy, M.D.
7:40  #97  Pre & Post-Operative Opioid Use: *A Clear & Present Problem*
      John J. Callaghan, M.D.
7:47  #98  The Painful Knee: *Diagnosis & Deliverance*
      Kelly G. Vince, M.D., F.R.C.S.(C)
7:54  #99  The Stiff Knee: *Etiology & Treatment Options*
      Edwin P. Su, M.D.
8:01  #100  Peri-Prosthetic Fx’s: *Repair or Replace*
      George J. Haidukewych, M.D.
8:08  #101  Problems & Solutions of the Extensor Mechanism
      C. Anderson Engh, Jr., M.D.
8:15  Discussion

SESSION XXI – Thomas S. Thornhill, M.D.
*Orthopaedic Crossfire® V: Still More Controversies in Knee Arthroplasty*

8:35  Knee Navigation: *Lost in Space*

#102  Robert T. Trousdale, M.D. – *Affirms*
#103  Arun Mullaji, F.R.C.S.(Ed), M.S. – *Opposes*

8:55  The Cementless TKA: *It’s About Time*

#104  Leo A. Whiteside, M.D. – *Affirms*
#105  John J. Callaghan, M.D. – *Opposes*

9:15  The Tourniquetless TKA: *Let It Bleed*

#106  Robert L. Barrack, M.D. – *Affirms*
#107  Keith R. Berend, M.D. – *Opposes*