

KENNETH A. GUSTKE, M.D.

Curriculum Vitae

(Updated 6/1/24)

Personal Information

Name	Kenneth A. Gustke, M.D.
Business Address	Florida Orthopaedic Institute 13020 N. Telecom Parkway Temple Terrace, Florida 33637-0925
Business Phone	813-978-9700
Business Fax Number	813-977-6308

Education

Undergraduate	Wayne State University Detroit, Michigan 1968-1972 Bachelor of Science with Distinction Appointed Phi Beta Kappa Honors Society
Medical School	Wayne State University School of Medicine Detroit, Michigan 1972-1976 Doctor of Medicine
Internship	Henry Ford Hospital Detroit, Michigan April 1976- March 1977

Education (Cont.)

Orthopedic Residency

Henry Ford Hospital
Detroit, Michigan
April 1977- March 1981

Orthopedic Surgery Electives

Hand Surgery with Joseph Posch, M.D.
and Robert Larson, M.D.
Wayne State University
Detroit, Michigan
October- December 1978

Total Joint Replacement with
Roderic Turner, M.D.
New England Baptist Hospital
Boston, Massachusetts
January- March 1980

Orthopedic Surgery Fellowship

Arthritis Surgery and Total Joint
Reconstruction
Mayo Clinic
Rochester, Minnesota
January- June 1981

Professional Background

Employment History

University of South Florida College of
Medicine
Department of Orthopedic Surgery
Tampa, Florida
July 1981- July, 1989

Florida Orthopaedic Institute
4175 E. Fowler Ave.
Tampa, Florida 33617
August 1989- May 2003

Professional Background (Cont.)

Employment History (Cont'd)	Florida Orthopaedic Institute 13020 Telecom Parkway N. Temple Terrace, Florida 33637-0925 June 2003- Present
License Information	Florida Medical License #38723- Active
Board Certification	American Board of Orthopedic Surgery September 1982
Academic Appointments	Assistant Professor Department of Orthopedic Surgery University of South Florida College of Medicine Tampa, Florida August 1981- July 1987 Associate Professor Department of Orthopedic Surgery University of South Florida College of Medicine Tampa, Florida August 1987- July 1989 Clinical Associate Professor Division of Orthopedic Surgery University of South Florida College of Medicine Tampa, Florida August 1989- July 1998 Clinical Professor Division of Orthopedic Surgery University of South Florida College of Medicine Tampa, Florida August 1998 to 2003, August 2009 to present

Professional Background (Cont.)

Societies

American Academy of Orthopedic Surgeons
American Association of Hip and Knee Surgeons (Charter Member)
The Knee Society
International Society for Technology in Arthroplasty
American Medical Association
Florida Medical Association
Hillsborough County Medical Association
Florida Orthopedic Society

National Academic Committees

American Academy of Orthopedic Surgeons Committee on Examinations-Adult Reconstruction Examination Subcommittee
1986-1992

American Academy of Orthopedic Surgeons Committee on Exhibits, Subcommittee on Poster and Scientific Exhibits: Hip
1992- 1999

Hospital Administration

Vice-Chief of Surgery
Centurion Hospital of Carrollwood
February 1991- January 1992

Chief of Medical Staff
Centurion Hospital of Carrollwood/
University Community Hospital
February 1992- December 1993

Board Member- Physician Hospital Coalition
Tampa General Hospital
1993-1994

Professional Background (Cont.)

Practice Administration

Executive Committee Member
Florida Orthopaedic Institute
November 1990- June 1991

Secretary
Florida Orthopaedic Institute
July 1991- February 1993

President and Chairman of the Board
Florida Orthopaedic Institute
March 1993- January 1995

Board Member- Immediate Past
President
Florida Orthopaedic Institute
February 1995- December 1996

Treasurer
Florida Orthopaedic Institute
January 1997- January 2001

Fellowship Director

Founder and Director of the Florida Orthopaedic Institute Adult Reconstruction
and Arthritis Surgery One Year Post-Residency Fellowship 1985-2021

Trained 85 fellows

Publications

1. *Torulopsis Glabrata Osteomyelitis, A Case Report.* Kenneth Gustke, M.D. and Kent K. Wu, M.D. Clin Ortho Rel Res, 154;197-200. January-February 1981.
2. *Pelvic Fractures.* Kenneth Gustke, M.D. Orthop Surg Update Series, Vol. 3, Lesson 5, 1984.
3. *Treatment of Intracapsular Hip Fractures.* Kenneth Gustke, M.D. Orthop Surg Update Series, Vol. 3, Lesson 14, 1984.
4. *Hemiarthroplasty and Total Arthroplasty in the Treatment of Intracapsular Hip Fractures.* Instr Course Lect. 33:191-197. 1984.
5. *Acetabular Reconstruction in Primary and Revision Total Hip Arthroplasty.* Kenneth Gustke, M.D. and Richard Grossman, M.D. Tech Orthop, Vol. 2. No. 1, 1987.
6. *Centrifugation on Antibiotic Impregnated Bone Cement.* Janet Walker, M.D., Kenneth Gustke, M.D., John Toney, M.D. and John Sinnott, M.D. Orthop, Vol. 11, No. 6;891-893. June 1988.
7. *Treatment of Intracapsular Hip Fractures.* Kenneth Gustke, M.D. Tech Orthop, Vol. 4, No. 2, 1989.
8. *Southern Approach for Total Knee Replacement.* Michael Smigielski, M.D. and Kenneth Gustke, M.D. Florida Orthopedic Society Journal, Summer 1989.
9. *Tuberculous Osteomyelitis Masked by Concomitant Staphylococcal Infection.* John Sinnott, M.D., Margarita Cancio, M.D., Mark Frankle, M.D., Kenneth Gustke, M.D. and Philip Spiegel, M.D. Arch Intern Med, Vol. 150, 1865-1867. Sept 1990.
10. *Retrieval Analysis of a Hydroxylapatite- Coated Hip Prosthesis.* Roy Bloebaum, Ph. D., Mark Merrell, M.D., Kenneth Gustke, M.D. and Michael Simmons, M.D. Clin Orthop 267;97-102. June 1991.
11. *Symposium: Controversies in Revision Hip Surgery.* Lawrence Dorr, M.D., Benjamin Bierbaum, M.D., Charles Engh, M.D., Kenneth Gustke, M.D. and Anthony Hedley, M.D. Contemporary Orthop 23(3): 267, Sept 1991.
12. *Preoperative Planning in Revision Total Knee Replacement.* Kenneth Gustke, M.D. Orthopedics 25(9): 975-6, Sept 2002.
13. *Case Challenges in Knee Surgery: What would you do?* Robert Trousdale, M.D., Thomas Thornhill, M.D., Gerald Engh, M.D., Kenneth Gustke, M.D., Chitranjan Ranawat, M.D. and Leo Whiteside, M.D. Orthopedics 25(9): 987-988, Sept 2002.
14. *Treatment of Large Acetabular Defects with Jumbo Cups: Point/Counterpoint.* Kenneth Gustke, M.D. Orthopedics 26(4): 379, April 2003.
15. *MIS vs non-MIS THA: Initial Experience.* Audio-Digest Orthopedics. Volume 26, Issue 12, December 2003

Publications (Cont'd)

16. *Jumbo Cup or High Hip Center: Is Bigger Better?* Kenneth Gustke, M.D. J Arthroplasty 19(4, Suppl 1): 120-123, June 2004.
17. *Cemented Tibial Stems are not required in Revision.* Kenneth Gustke, M.D. Orthopedics 27(9): 991, September 2004.
18. *Jumbo Cups effective for Large Acetabular Defects.* Kenneth Gustke, M.D. Orthopedics Today 25(1): 11, January 2005.
19. *Preoperative Planning for Revision Total Knee Arthroplasty: Avoiding Chaos.* Kenneth Gustke, M.D. J Arthroplasty 20 (4, Suppl 2): 37-40. June 2005.
20. *Evolving Mini-Incision Approaches Useful in THA.* Kenneth Gustke, M.D. Orthopedics Today 26(4):20, April 2006.
21. *What Would You Do? Challenges in Hip Surgery.* Robert Trousdale, M. D., John Callaghan, M.D., Kenneth Gustke, M.D., et.al. J Arthroplasty 22(4, Suppl 1):116-122, June 2007.
22. *Minimally Invasive Total Knee Arthroplasty with a Subvastus Approach.* Kenneth Gustke, M.D. Operative Techniques in Orthopaedics 16(3):153-158. July 2006.
23. *Computer Navigation of Minimally Invasive Total Knee Replacement.* Kenneth Gustke, M.D. Operative Techniques in Orthopaedics 16(3): 211-216. July 2006.
24. *Standard Femoral Components may Cause TKR Problems for Women.* Kenneth Gustke, MD, Orthopedics Today- International 10(4):16, July/ August 2007.
25. *Total Hip Arthroplasty requiring Subtrochanteric Osteotomy for Developmental Hip Dysplasia: 5- to 14-year results.* Thomas Bernasek, M.D., George Haidukewych, M.D., Kenneth Gustke, M.D., et.al. J Arthroplasty 22(6, Suppl 2):145-150, September 2007.
26. *Limited Incision Muscle-Sparing Anterolateral Watson-Jones Approach for Total Hip Arthroplasty.* Kenneth Gustke, M.D. In Limited Incisions for Total Hip Arthroplasty, Ed. M.I. O'Connor. AAOS Monograph Series 36: 27, 2007.
27. *Surgical Nuances to Minimize Muscle Damage during the Direct Lateral Approach in Minimally Invasive Hip Replacement.* Kenneth Gustke, M.D. Instructional Course Lectures 57:235-241, 2008.
28. *The Natural-Knee System: 25 years of Successful Results.* Kenneth Gustke, M.D. Am J Orthop 39(6 Suppl):5-8, June 2010
29. *Use of Short Stems for Total Hip Arthroplasty: Is it a Napoleonic Solution?* Kenneth Gustke, M.D. Seminars in Arthroplasty 23(3):159-162, September 2012.

Publications (Cont'd)

30. *Short Stems for Total Hip Arthroplasty: Initial Experience with the Fitmore Stem.* Kenneth Gustke, M.D. J Bone Joint Surg [Br] 94-B (11):47, November 2012.
31. *Use of Smart Trials for Soft-Tissue Balancing in Total Knee Replacement Surgery.* Kenneth Gustke, M.D. J Bone Joint Surg [Br] 94-B (11):147, November 2012.
32. *Articulating Spacers for the Treatment of Infected Total Knee Arthroplasty: Effect of Antibiotic Combinations and Concentrations.* Nettrour JF, Polikandriotis JA, Bernasek TL, Gustke KA, Lyons ST. Orthopedics 36(1):e19-24. January 2013.
33. *The Dysplastic Hip: Not for the Shallow Surgeon.* Gustke K. Bone Joint J. 95-B (11 Suppl A):31-6. November 2013.
34. *Failure Analysis of Knee Arthrodesis with the Wichita Fusion Nail.* Parcel TW, Levering M, Polikandriotis JA, Gustke KA, Bernasek TL. Orthopedics 36(11):e1335-9. November 2013.
35. *Use of Jumbo Cups for Revision of Acetabulae with Large Bony Defects.* Gustke KA, Levering MF, Miranda MA. J Arthroplasty. 29(1):199-203. January 2014.
36. *Knee Strength Retention and Analgesia with Continuous Perineural Fentanyl Infusion after Total Knee Replacement: Randomized Controlled Trial.* Mangar D, Karlnoski RA, Sprenker CJ, Downes KL, Taffe N, Wainwright R, Gustke K, Bernasek TL, Camporesi E. J Anesthesia. 28(2):214-221. April 2014.
37. *A New Method for Defining Balance: Promising Short-Term Clinical Outcomes of Sensor-Guided TKR.* Gustke KA, Golladay GJ, Roche MW, Elson LC, Anderson CR. J Arthroplasty. 29(5):955-60. May 2014
38. *Post-operative Weight Gain after Total Knee Arthroplasty: Prevalence and its Possible Attenuation using Intraoperative Sensors.* Golladay GJ, Jerry GJ, Gustke KA, Roche MW, Elson L, Anderson C. Reconstructive Review 4:38-41. 2014.
39. *Primary TKA Patients with Quantifiably Balanced Soft-Tissue Achieve Significant Clinical Gains Sooner than Unbalanced Patients.* Gustke KA, Golladay GJ, Roche MW, Elson LC, Anderson CR. Adv Orthop. 2014:628695. Aug 18, 2014
40. *Increased Satisfaction after Total Knee Replacement using Sensor-Guided Technology.* Gustke KA, Golladay GJ, Roche MW, Jerry GJ, Elson LC, Anderson CR. Bone Joint J. 96-B(10):1333-1338. October 2014.
41. *Soft-Tissue and Alignment Correction: The Use of Smart Trial in Total Knee Replacement.* Gustke KA. Bone Joint J. 96-B(11 Supple A):78-83. November 2014.

Publications (Cont'd)

42. *The Utilization of Smart Trials in PCL Retaining Knees.* Roche M, Gustke, KA, Law TY. *Seminars in Arthroplasty.* 26(4):218-228. December 2015.
43. *Multi-Modal Pain Management for Total Knee Replacement.* Gustke KA. *Seminars in Arthroplasty.* 26(4):242-245. December 2015.
44. *Cementless TKA: The Preferred Method for Young, Active, and Heavy Patients.* Gustke KA. *Seminars in Arthroplasty.* 28(2):58-61. June 2017.
45. *A Targeted Approach to Ligament Balancing Using Kinetic Sensors.* Gustke KA, Golladay GJ, Roche MW, Elson LC, Anderson CR. *J Arthroplasty.* 32(7):2127-2132. July 2017.
44. *All-Polyethylene Tibial Component Use for Elderly, Low-Demand Total Knee Arthroplasty Patients.* Gustke KA, Gelbke MK. *J Arthroplasty.* 32(8):2421-2426. August 2017.
45. *Anterior-Based Muscle-Sparing Approach for THA.* Gustke K. *Seminars in Arthroplasty.* 29(3):137-141. September 2018.
46. *Optimal Use of Stems in Revision TKR.* Gustke K. *Seminars in Arthroplasty.* 29(3):260-264. September 2018.
47. *Manipulation Under Anesthesia Rates in Technology-Assisted versus Conventional-Instrumentation Total Knee Arthroplasty.* Malkani AL, Roche MW, Kolisek FR, Gustke KA, et. al. *Surgical Technology International.* 36:336-340. May 2020.
48. *New Technology for Total Knee Arthroplasty Provides Excellent Patient-Reported Outcomes: A Minimum Two-Year Analysis.* Malkani AL, Roche MW, Kolisek FR, Gustke KA, et al. *Surgical Technology International* 36:276-280. May 2020
49. *Effect of Posterior Osteophytes on Total Knee Arthroplasty Coronal Soft Tissue Balance: Do They Matter?* Gustke KA, Cherian JJ, Simon P, Morrison TA. *J Arthroplasty.* 37(6S): S226-230. June 2022.
50. *Metal-Backed Patella Implants in Knee Arthroplasty: Can the Past Predict the Future?* Gustke KA, Simon P, Meheux CJ. *J Arthroplasty.* 38(6S):S131-S136. June 2023.
51. *A Restricted Functional Balancing Technique for Total Knee Arthroplasty with a Varus Deformity: Does a Medial Soft-Tissue Release in a Worse Outcome?* Gustke KA, Simon P. *J Arthroplasty.* 2024 Feb 23:S0883-5403(24)00144-X. Doi: 10.1016/j.arth.2024.02.045. Online ahead of print.

Publications as Textbook Chapter

1. *Unconstrained Revision Total Knee: Preoperative Planning and Intraoperative Techniques.* Kenneth Gustke, M.D. Chapter for Textbook, "Surgery of the Knee" edited by Freddie Fu, M.D., Chris Harner, M.D. and Kelly Vince, M.D. Williams and Wilkins Medical Publishing, 1994.
2. *Sensor Technology in Total Knee Arthroplasty.* Kenneth Gustke, MD. Chapter for Textbook, "Minimally Invasive Surgery in Orthopedics," 2nd Addition. Scuderi GR and Tria AJ. 2016.
5. *TKA Technique: MAKO Robotic.* Kenneth Gustke, MD. Chapter for Textbook, "Robotics in Knee and Hip Arthroplasty: Current Concepts, Techniques and Emerging Uses." Ed. Lonner JH. Springer Publishing, 2019.
6. *Robotic Application for Total Knee Arthroplasty.* Kenneth Gustke, MD. Chapter for Textbook, "The Adult Knee, 2nd Edition. Eds. Rubash HE, Barrack RL, Rosenberg AG. Wolters Kluwer, 2020.
7. *Impact of CMS Mandatory and Volunteer Bundle Total Joint Arthroplasty Care and How this has Created New Models for Inpatient Surgery.* Kenneth Gustke, MD and Penny Boness. Chapter for Textbook, "Managing Cardiovascular Risk in Elective Total Joint Arthroplasty." Eds. Harrison EE and Ho N. Springer Publishing, 2023.

Publications as Internet Textbook Chapter

1. *Mini-Direct Lateral Approach for Total Hip Replacement.* Kenneth Gustke, M.D. Chapter for Internet Textbook, "Interactive Educational Program (IEP) for Total Joint" edited by Michael A. Mont, M.D. Magnifi Group Inc. 2009.
2. *Minimally Invasive Muscle-Sparing Anterolateral Approach to the Hip.* Kenneth Gustke, M.D. Chapter for Internet Textbook, "Interactive Educational Program (IEP) for Total Joint" edited by Michael A. Mont, M.D. Magnifi Group Inc. 2010.
3. *Total Knee Arthroplasty after Osteotomy about the Knee.* Kenneth Gustke, MD. and Kurt Morrison, DO. Chapter for Internet Textbook, "Interactive Educational Program (IEP) for Total Joint" edited by Gil Scuderi, M.D. Magnifi Group Inc. 2011.

Abstracts

1. *Concomitant Osteotomy with Primary Total Hip Replacement.* Michael Ciepiela, M.D., Thomas Bernasek, M.D. and Kenneth Gustke, M.D. *Journal of Arthroplasty*, Vol. 9, No. 1, Feb. 1994.
2. *Total Hip Revision with a Proximally Fixed Cementless Modular Femoral Component.* Thomas Bernasek, M.D. and Kenneth Gustke, M.D. *Journal of Arthroplasty*, Vol. 17, No. 2, Feb. 2002.
3. *Surgical Treatment for the Recurrently Dislocation Total Hip.* Thomas Bernasek, M.D. and Kenneth Gustke, M.D. *Journal of Arthroplasty*, Vol. 17, No. 2, Feb. 2002.
4. *Quadriceps Sparing Minimally Invasive Total Knee Replacement: Initial Experience and Comparison to a Matched Set of Non-MIS Total Knee Replacements.* Kenneth Gustke, MD. *Orthopedic Proceedings*: Mar 2006, Vol 88-B(Suppl 1).
5. *Management of the Anatomic Differences in Female and Male Distal Femurs in Total Knee Replacement Surgery.* Kenneth Gustke, MD., Mohammad Mahfouz, PhD. *Orthopedic Proceedings*: May 2013, 95-B(Suppl 22).
6. *The Dysplastic Hip: Not for the Shallow Surgeon.* Kenneth Gustke, MD. *Orthopedic Proceedings*: May 2013, 95-B(Suppl 22).
7. *Pre-Operative Planning: Avoiding Chaos.* Kenneth Gustke, MD. *Orthopedic Proceedings*: May 2013, 95-B(Suppl 22).
8. *Electronic Soft-Tissue Balancing: The Use of Smart Trials.* Kenneth Gustke, MD. *Orthopedic Proceeding*: May 2013, 95-B(Suppl 22).
9. *Promising Early Outcomes Utilizing Intraoperative Sensors to Qualify Balance during TKA: 200% Improvement in KSS Compared to Historical Data, at 6 Months.* Kenneth Gustke, MD, Gregory Golladay, MD. *Orthopedic Proceedings*: Dec 2013, 95-B(Suppl 34).
10. *Modified MCL Release: Sensor-Guided Technique used to Quantify Intercompartment Balance in TKA.* L Elson, K Gustke MD, G Gollady MD, M Roche MD, C Anderson. *Orthopedic Proceedings*: Dec 2013, 95-B(Suppl 34).
11. *Ensuring a Stable Total Knee Arthroplasty: Sensor-Guided Techniques used to Quantify Sagittal Plane Balance.* L Elson, K Gustke MD, G Gollady MD, M Roche MD, P Meere MD, C Anderson. *Orthopedic Proceedings*: Dec 2013, 95-B(Suppl 34).
12. *Osteonecrosis: It's an Arthroplasty Solution.* Kenneth Gustke, MD. *Orthopedic Proceedings*: May 2014, 96-B(Suppl 8).
13. *Soft Tissue and Alignment Correction: The Use of Smart Trials.* Kenneth Gustke, MD. *Orthopedic Proceedings*: May 2014, 96-B(Suppl 8).

Abstracts (Cont'd)

14. *Smart Trials Assist Placement, Alignment and Balance: The Trinity of TKA.* Kenneth Gustke, MD. Orthopedic Proceedings: Jul 2014, 96-B(Suppl 12).
15. *Planning Your Next Revision: Avoiding Chaos.* Kenneth Gustke, MD. Orthopedic Proceedings: Jul 2014, 96-B(Suppl 12).
16. *Osteonecrosis: The Arthroplasty Solution.* Kenneth Gustke, MD. Orthopedic Proceedings: Feb 2015, 97-B(Suppl 1).
17. *Planning Your Next Revision: Avoiding Chaos.* Kenneth Gustke, MD. Orthopedic Proceedings: Feb 2015, 97-B(Suppl 1).
18. *Smart Trials Assist Placement, Alignment and Balance: The Trinity of TKA.* Kenneth Gustke, MD. Orthopedic Proceedings: Feb 2015, 97-B(Suppl 1).
19. *Multi-Modal Pain Management: Ensuring a Happy Patient.* Kenneth Gustke, MD. Orthopedic Proceedings: Nov 2015, 97-B(Suppl 13).
20. *The Jumbo Cup: Filling the Voids.* Kenneth Gustke, MD. Orthopedic Proceedings: Nov 2015, 97-B(Suppl 13).
21. *Primary TKA Patients with Quantifiably Balanced Soft-Tissue Achieve Significant Clinical Gains Sooner than Unbalanced Patients.* C Anderson, K Gustke MD, M Roche MD, G Golladay MD, P Meere MD, L Elson. Orthopedic Proceedings: Jan 2016, 98-B(Suppl 3).
22. *Increased Patient Satisfaction after Senso-Guided TKA.* C Anderson, K Gustke MD, M Roche MD, G Golladay MD, P Meere MD, L Elson. Orthopedic Proceedings: Jan 2016, 98-B(Suppl 3).
23. *Intra-operative Safety and Early Patient Recovery in Robotic Arm Assisted Total Knee Arthroplasty.* M Conditt, PhD, K Gustke, MD, T Coon, MD, S Kreuzer, MD, S Branch, M Bhowmik-Stoker. Orthopedic Proceedings: May 2016, 98-B(Suppl 7).
24. *Surgical Efficiency and Learning Curve during Robotic-Assisted Total Knee Arthroplasty.* M Conditt, K Gustke, T Coon, S Kreuzer, S Branch, M Bhowmik-Stoker, A Abbasi. Bone Joint J May 2016, 98-B(SUPP 7) 92.
25. *Influences in Size Predication between Pre-operative and Intraoperative Surgical Planning for Robotic Assisted Total Knee Arthroplasty.* M Conditt, K Gustke, T Coon, S Kreuzer, S Branch, M Bhowmik-Stoker, J D'Alessio, J Otto, A Abbasi. Orthopedic Proceedings: May 2016, 98-B(Suppl 7).
26. *Intra-operative safety and early patient recovery in robotic arm assisted total knee arthroplasty.* M Conditt, K Gustke, T Coon, S Kreuzer, S Branch, M Bhowmik-Stoker. Orthopedic Proceedings: May 2016, 98-B(Suppl 7).
27. *Cementless TKA: As Older Patients become Younger-Affirms.* Kenneth Gustke, MD. Orthopedic Proceedings: Nov 2016, 98-B(Suppl 17).
28. *Smart Trials Assist Placement, Alignment and Balance: The Trinity of TKA.* Kenneth Gustke, MD. Orthopedic Proceedings: Nov 2016, 98-B(Suppl 17).

Abstracts (Cont'd)

29. *The Short Stem: An Option for all Hips.* Kenneth Gustke, MD. Orthopedic Proceedings: Nov 2016, 98-B(Suppl 17).
30. *The Short Stem: When Less is More.* Kenneth Gustke, MD. Orthopedic Proceedings: Dec 2016, 98-B(Suppl 22).
31. *The Dysplastic Hip: Not for the Shallow Surgeon.* Kenneth Gustke, MD. Orthopedic Proceedings: Dec 2016, 98-B(Suppl 22).
32. *Smart Trials Assist Placement, Alignment and Balance in Primary TKA.* Kenneth Gustke, MD. Orthopedic Proceedings: Dec 2016, 98-B(Suppl 22).
33. *Decreased Rate of Early Revision in Sensor-Assisted TKA.* C Anderson, G Gollady, MD, M Roche, MD, K Gustke, MD, W Leone MD. Orthopedic Proceedings: Feb 2017, 99-B(Suppl 4).
34. *Three-year Satisfaction Results in a Multicentric Group of Sensor-Assisted TKA Patients.* C Anderson, K Gustke MD, M Roche MD, G Golladay MD, G Jerry MD, L Elson. Orthopedic Proceedings: Feb 2017, 99-B(Suppl 4).
35. *Acetabular Protrusio: Avoiding the Deep.* Kenneth Gustke, MD. Orthopedic Proceedings: Apr 2017, 99-B(Suppl 7).
36. *Assuring Soft-Tissue Balance: The Use of Smart Trials.* Kenneth Gustke, MD. Orthopedic Proceedings: Apr 2017, 99-B(Suppl 7).
37. *Getting Out the Well Fixed Knee: A Seamless Solution.* Kenneth Gustke, MD. Orthopedic Proceedings: Apr 2017, 99-B(Suppl 7).
38. *Assuring Soft-Tissue Balance: The Use of Smart Trials.* Kenneth Gustke, MD. Orthopedic Proceedings: Aug 2017, 99-B(Suppl 15).
39. *The Robotic Total Knee Arthroplasty: Assuring Outcome.* Kenneth Gustke, MD. Orthopedic Proceedings: Aug 2017, 99-B(Suppl 15).
40. *Using Intraoperative Sensors to Define Intra-Articular Loading Patterns during Total Knee Arthroplasty.* C Anderson, G Gollady, MD, M Roche, MD, K Gustke, MD, L Elson. Orthopedic Proceedings: Apr 2018, 100-B(Suppl 6).
41. *Planning your Next Revision: Avoiding Chaos.* Kenneth Gustke, MD. Orthopedic Proceedings: Jun 2018, 100-B(Suppl 10).
42. *The Use of Smart Tibial Trials in Primary TKA: Assuring Outcome.* Kenneth Gustke, MD. Jun 2018, 100-B(Suppl 10).
43. *Implant Realignment: An Alternative to Ligamentous Release in Total Knee Arthroplasty Balancing.* Kenneth Gustke, MD, Chad Durgin, MD. Orthopedic Proceedings: Apr 2019, 101-B(Suppl 4).
44. *A Unique Cardiac Screening Program to Reduce Readmissions in Risk Bundled Total Hip and Knee Arthroplasty Patients.* Kenneth Gustke, MD, Eric Harrison, MD, Susan Heinrichs, PA. Orthopedic Proceedings: Apr 2019, 101-B(Suppl 4).

Abstracts (Cont'd)

45. *Robotic Total Knee Arthroplasty with a Semi-Active Haptic Guided Technique is Safe and Reliable.* Kenneth Gustke, MD. Orthopedic Proceedings: Apr 2019, 101-B,(Suppl 4).
46. *The Cementless Knee: The Emergent Game Changer- Affirms.* KA Gustke. Orthopaedic Proceedings May 2019, 101-B(Suppl 8).
47. *The Use of Instrumented Tibial Trials: Improves Patient Outcomes.* Kenneth Gustke, MD. Orthopedic Proceedings: May 2019, 101-B(Suppl 8).
48. *The Optimal Use of Stems in the Revision Total Knee Arthroplasty.* Kenneth Gustke, MD May 2019, 101-B(Suppl 8).
49. *Anterior-Based Muscle-Sparing Total Hip Arthroplasty Approach.* Kenneth Gustke, MD. Orthopedic Proceedings: May 2019, 101-B(Suppl 8).
50. *Physician-Managed Payment Bundles: How Much does it Really Benefit the Physician?* Kenneth Gustke, MD. Orthopedic Proceedings: Oct 2019, 101-B(Suppl 11).
51. *How Safe and Reliable is Robotic Total Knee Arthroplasty with a Semi-Active Haptic-Guided Technique?* Kenneth Gustke, MD. Orthopedic Proceedings: Feb 2020, 102-B(Suppl 1).
52. *A Unique Cardiac Screening Program to Reduce Readmissions in Risk Bundled Total Hip and Knee Arthroplasty Patients.* Kenneth Gustke, MD, Eric Harrison, MD, Susan Heinrichs, PA. Orthopedic Proceedings: Feb 2020, 102-B(Suppl 1).
53. *Prevalence and Severity of Coronary Artery Disease in Elective Total Joint Arthroplasty in Patients > 65 Years of Age with the Use of Coronary CT Angiography.* Kenneth Gustke, MD, Eric Harrison, MD, R Abdelmaseih, MD, R Abdelmasih, MD, R Harris, MD. Orthopedic Proceedings: Feb 2020, 102-B(Suppl 1).
54. *Implant Realignment: An Alternative to Ligamentous Release in Total Knee Arthroplasty Balancing.* Kenneth Gustke, MD, Chad Durgin, MD. Orthopedic Proceedings: Feb 2020, 102-B(Suppl 1).
55. *Total Knee Balance via Component Realignment: Predicting who Will Still need a Soft-Tissue Release.* Kenneth Gustke, MD, Todd Morrison, MD. Orthopedic Proceedings: Feb 2020, 102-B(Suppl 1).
56. *Do Posterior Osteophytes Matter? Effect of Posterior Osteophytes on Robotic-Assessed Gaps between Pose-Capture and Trialing.* Kenneth Gustke, MD, Todd Morrison, MD. Orthopedic Proceedings: Feb 2020, 102-B(Suppl 1).
57. *Robotic Total Knee Arthroplasty with a Semi-Active Haptic Guided Technique is Safe and Reliable.* Kenneth Gustke, MD. Orthopedic Proceedings: Apr 2019, 101-B,(Suppl 4).

Abstracts (Cont'd)

58. *The Cementless Knee: The Emergent Game Changer- Affirms.* KA Gustke. Orthopaedic Proceedings May 2019, 101-B(Supp 8)
59. *Two-Year Results with Robotic Arm-Assisted Total Knee Arthroplasty: Comparison with a Non Robotic-Assisted Group.* KA Gustke. Orthopaedic Proceedings: Oct 2020, 102-B, (Suppl 9).
- 60.

Publications as a Blog Post

1. *The Satisfied Total Knee Replacement Patient: 3-year Multicenter Results.* Gustke K, Roche M, Elson L, Jerry G, Anderson C. EC Orthopaedics. 9.3:122-127. 2018.

Technical Monographs

1. *The Intermedics APR Hip System: Revision Component Surgical Technique.* Kenneth Gustke, M.D. and Lawrence Dorr, M.D.
2. *The APR Collared Revision Hip System: Surgical Technique.* Kenneth Gustke, M.D. and Lawrence Dorr, M.D.
3. *The APR II Hip System: Surgical Technique.* Lawrence Dorr, M.D. and Kenneth Gustke, M.D.
4. *The Non-Porous APR II Hip System: Surgical Technique.* Kenneth Gustke, M.D. and Lawrence Dorr, M.D.
5. *Use of a Collar Spacer on the APR Collared Revision Stem: Surgical Technique.* Kenneth Gustke, M.D.
6. *The Natural-Knee II System: Surgical Technique.* Aaron Hofmann, M.D. and Kenneth Gustke, M.D.
7. *The Natural-Knee II Revision System: Surgical Technique.* Kenneth Gustke, M.D. and Aaron Hofmann, M.D.
8. *Inter-Op Acetabular System: Surgical Technique.* Lawrence Dorr, M.D., Kenneth Gustke, M.D., Aaron Hofmann, M.D. and Rodney Plaster, M.D.
9. *Natural-Knee II Revision/ Constrained Surgical Technique.* Kenneth Gustke, M.D. and Aaron Hofmann M.D.
10. *Converge Acetabular System: Surgical Technique.* Lawrence Dorr, M.D., Kenneth Gustke, M.D., Aaron Hofmann, M.D. and Rodney Plaster, M.D.
11. *Minimally Invasive Total Hip Arthroplasty Anterolateral Approach Surgical Technique.* Kenneth Gustke, M.D. and Richard Jones, M.D.

Editorships

1. Techniques in Orthopedics 4:2, *Fractures of the Hip*. June, 1989.
2. Techniques in Orthopedics 4:4, *Fractures of the Pelvis*. December, 1989.
3. Journal of Arthroplasty Editorial Board, 2007-present.
4. Seminars in Arthroplasty 26:4, *Current Concepts in Joint Replacement-The Knee*. December, 2015.

Poster Exhibits

1. *A Comparison of Transgluteal to Transtrochanteric Approach for Revision Total Hip Replacement*. Michael Sneddon, M.D. and Kenneth Gustke, M.D. American Academy of Orthopedic Surgeons Annual Meeting, New Orleans, Louisiana. Feb 1990
2. *Prediction of Post-Operative Infection in Revision Total Hip Surgery*. Mark Frankle, M.D., Jeffrey Stickney, M.D., Kenneth Gustke, M.D. and David Sugar. American Academy of Orthopedic Surgeons Annual Meeting, New Orleans, Louisiana. Feb 1990
3. *Ceramic Head Endoprosthetic Replacement for Avascular Necrosis of the Hip*. Douglas Freels, M.D., Thomas Bernasek, M.D., Kenneth Gustke, M.D., and Mark Frankle, M.D. Academy of Orthopedic Surgeons Annual Meeting, Orlando, Florida. March 2000.
4. *Total Knee Replacement for Posttraumatic Degenerative Arthritis of the Knee*. Robert Johansen, M.D., Thomas Bernasek, M.D., Kenneth Gustke, M.D., Anthony McPherron, D.O., Kuniaki Shimizu, M.D. Academy of Orthopedic Surgeons Annual Meeting, San Francisco, California. Feb 2001.
5. *Total Hip Revision with a Proximally Fixed Cementless Modular Femoral Component*. Thomas Bernasek, M.D. and Kenneth Gustke, M.D. American Association of Hip and Knee Surgeons, Eleventh Annual Meeting, Dallas, Texas. Nov. 2001.
6. *Surgical Treatment for the Recurrently Dislocation Total Hip*. Thomas Bernasek, M.D. and Kenneth Gustke, M.D. American Association of Hip and Knee Surgeons, Eleventh Annual Meeting, Dallas, Texas. Nov. 2001.
7. *Knee Arthrodesis with a Modular Intramedullary Nail*. Richard Valentin, M.D., Thomas Bernasek, M.D., Kenneth Gustke, M.D., and Elizabeth Rommel, B.A. Academy of Orthopedic Surgeons Annual Meeting, Washington, D.C. Feb. 2005.

Poster Exhibits (Cont'd)

8. *Revision Total Knee Arthroplasty with Metaphyseal Cementation and Diaphyseal Press-Fit Stems.* Frederick Lee, M.D., Thomas Bernasek, M.D., George Haidukewych, M.D., Kenneth Gustke, M.D., and Elizabeth Rommel, B.A. Academy of Orthopedic Surgeons Annual Meeting, Washington, D.C. Feb. 2005.
9. *Use of Jumbo Cups for Revision of Acetabulae with Large Bony Defects.* Kenneth Gustke, M.D. and Michael Miranda, D.O.. American Association of Hip and Knee Surgeons, Nineteenth Annual Meeting, Dallas, Texas. Nov. 2009.
10. *Fentanyl Femoral Nerve Sheath Infusion Causes Analgesia with Sustained Strength after Total Knee Replacement.* Devanand Mangar, MD, Rachel A. Karlinski, PhD, Katheryne Downes, MPH, Kenneth A. Gustke, MD, Thomas L. Bernasek, MD, Enrico M. Camporesi. American Association of Hip and Knee Surgeons, 20th Annual Meeting, Dallas, Texas. Nov. 2010.
11. *Ensuring a Stable TKA: Sensor-Guided Techniques used to Quantify Sagittal Plane Balance.* Martin Roche, Kenneth Gustke. 15th EFORT conference. London, England. June 2014.
12. *Clinical and Radiographic Review of Ultracongruent Tibial Polyethylene Liners with a minimum 10 year follow-up.* Aliasgar Dalal, MD, Kenneth A. Gustke, MD. 2nd Annual Pan Pacific Orthopedic Congress. Waikoloa, Hawaii. July 2015.
13. *Decreased Rate of Early Revision in Sensor-Assisted TKR.* Christopher Anderson, Gregory Golladay, MD, Martin Roche, MD, Kenneth Gustke, MD, William Leone, MD. 2016 Annual International Society for Technology in Arthroplasty. Boston, Massachusetts. Oct 2016
14. *Implant Realignment: An Alternative to Ligamentous Release in TKA Balancing.* Chesley Durgin, MD, Kenneth Gustke, MD. 2018 Annual Florida Orthopaedic Society Meeting. St. Petersburg, Florida. June 2018. American Academy of Orthopaedic Surgeons Annual Meeting. Las Vegas, Nevada. March 2019.
15. *Does Total Knee Extension and Flexion Balance Assist with Mid-Flexion Balance.* Kenneth Gustke, MD. 29th American Association of Hip and Knee Surgeons Annual Meeting. Dallas, Texas. November 2019.
16. *2-Year Results with Robotic-assisted Total Knee Replacement: Comparison to A Non-Robotic Assisted Group.* Kenneth Gustke, MD, Laura Scholl, MS. Presented at the "Orthopedic Research Society" annual meeting. Phoenix, Arizona. February, 2020.
17. *Long term Survivorship of Metal-backed Patella Implants in Total Knee Arthroplasty: Failure Mode and Importance to Current Practice.* Kenneth Gustke, MD, Carlos J. Meheux, MD. American Academy of Orthopaedic Surgeons Annual Meeting. San Diego. California. August 2021

Research Projects

1. Multiclinic Trial of Press-fit Application of the Anatomic Proximal Replacement (APR) Universal Hip System with Calcitite Coating- F.D.A. Prospective Study. (I.O.I #0102) Sponsor- Intermedics Orthopedics, Inc., Austin, Texas. Initiated June 1987, completed Feb 1991.
2. The Cementless Application of the Anatomic Porous Replacement (APR) Universal Hip System with Calcitite Coated Cancellous Structured Titanium- F.D.A. Prospective Study. (I.O.I. #0103) Sponsor- Intermedics Orthopedics, Inc., Austin, Texas. Initiated July 1989, completed Feb 1992.
3. The Cementless Application of the Natural-Knee System with Calcitite Coated Cancellous Structured Titanium- F.D.A. Prospective Study. (I.O.I #0202) Sponsor- Intermedics Orthopedics, Inc., Austin, Texas. Initiated Nov 1989, completed Oct 1995.
4. The Cementless Application of the Anatomic Porous Replacement (APR) Revision Hip System with Calcitite Coated Cancellous Structured Titanium- F.D.A. Prospective Study. (I.O.I # 0117) Sponsor- Intermedics Orthopedics, Inc., Austin, Texas. Initiated March 1991, completed Jan 1996
5. Evaluation of a Pyrolite Head-Hemiarthroplasty Implant for Intracapsular Hip Fractures- F.D.A. Prospective Study. Sponsor- Intermedics Orthopedics, Inc., Austin, Texas. Initiated Jan 1990, completed Jun 1994.
6. Placebo Controlled Comparison of Naproxen Sodium and Ibuprofen for Minor Pain associated with Arthritis of the Hip or Knee- F.D.A. Prospective Study. (Protocol #NSS2402) Sponsor- Syntex Laboratories, Inc., Palo Alto, California. Initiated Aug 1994, completed Sept 1995.
7. Metasul System when used with the APR Acetabular Shell and APR II-T Non-Porous Femoral Stem in Cemented Total Hip Arthroplasty- F.D.A. Prospective Study. (Protocol #0110) Sponsor- Sulzer Orthopedics, Inc., Austin, Texas. Initiated April 1996, completed Apr 2004.
8. Metasul System when used with the APR Acetabular Shell and APR II-T Non-Porous Femoral Stem in Cementless Total Hip Arthroplasty- F.D.A. Prospective Study. (Protocol #0111) Sponsor- Sulzer Orthopedics, Inc., Austin, Texas. Initiated May 1997, completed Apr 2004.
9. Postoperative Analgesia with Continuous Femoral Nerve Block after Total-Knee Arthroplasty: A Randomized, Double-Blind, Placebo-Controlled Comparison of Ropivacaine with and without Fentanyl and Fentanyl alone. (USF Protocol #103761) Sponsor- Stryker Instruments, Kalamazoo, Michigan. Initiated Jan 2006, completed Aug 2007.

Research Projects (Cont'd)

10. Metasul Follow-up Extension Study Cemented or Cementless Metasul System when used with the APR Acetabular Shell and Natural Hip Porous Femoral Stem in Total Hip Arthroplasty- F.D.A. Prospective Study. (Protocol #05-200) Sponsor- Zimmer Orthopedics, Inc., Warsaw, Indiana. Initiated Aug 2006, completed Jan 2008.
11. Use of the OrthoSensor for Soft Tissue Balancing in Total Knee Replacement Surgery. Sponsor- OrthoSensor Inc. Initiated Nov 2011, completed 2016.
12. Metal-on-Metal Total Hip Replacement. A multi-center, cross-sectional post-market surveillance Study. Sponsor- Zimmer Orthopedics. Initiated August 2013. Completed 2016.
13. Total Knee Replacement with a Robotic Arm. Sponsor- MAKO Orthopedics. F.D.A. I.D.E study. Principle Investigator. Study completed Dec 2014.
14. TKA 1.0 Empathic Study. Sponsor- Stryker Orthopedics. Study completed Dec 2016.
15. Post-Market Surveillance Study of Natural Knee Gender-Flex Total Knee system. Sponsor-Zimmer Orthopedics. Initiated February 2019. Study in Progress

Orthopedic Implant Designs

1. Co-designer for APR™ Revision Femoral Total Hip Implant for Intermedics Orthopedics, Inc.
2. Co-designer for APR™ Porous Femoral Total Hip Implant for Intermedics Orthopedics, Inc.
3. Co-designer for APR™ Non-Porous Femoral Total Hip Implant for Intermedics Orthopedics, Inc.
4. Designer of Collar Spacer System for APR™ Revision Femoral Total Hip Implant for Intermedics Orthopedics, Inc.
5. Co-designer for Natural Knee II™ Total Knee System for Sulzer Orthopedics, Inc.
6. Co-designer for Natural Knee II™ Revision Total Knee System for Sulzer Orthopedics, Inc.
7. Co-designer for Inter-Op™ Total Hip Acetabular System for Sulzer Orthopedics, Inc.
8. Co-designer for Natural Knee II™ Constrained Total Knee System for Sulzer Orthopedics, Inc

Orthopedic Implant Designs (Cont'd)

9. Co-designer for Converge™ Total Hip Acetabular System for Sulzer Orthopedics, Inc.
10. Co-designer for Natural Knee Cobalt-Chrome Modular Tibial Baseplate for Centerpulse Orthopedics, Inc.
11. Co-designer for Fitmore MIS Hip Stem for Zimmer Orthopedics, Inc.
12. Co-designer for Gender High Flex Natural Knee for Zimmer Orthopedics, Inc.
13. Co-designer for Kinetis Total Knee System for MAKO Surgical, Inc.
14. Co-designer of MAKO Total Knee Robotic Application and Software for Stryker/MAKO Orthopedics

Patents

1. *Collared Hip Prosthesis with Revision Spacer*. Patent No. 5,376,124. Granted Dec 27,1994.
2. *Angled Orthopedic Surfacers and Guide*. Patent No. 5,643,271. Granted July 1, 1997.
3. *Winged Retractor Instrumentation for Total Hip Arthroplasty*. Patent No.7172554. Granted Feb. 6, 2007.

Honors

1. Named to Best Doctors in America, Southeastern United States, 1996.
2. Named to Best Doctors in America, Southeastern United States, 1998.
3. Named to Best Doctors in America, Southeastern United States, 2000.
4. Named to Best Doctors in America, 2001-2002.
5. Named as one of *America's Top Surgeons 2002-2003* by the Consumers' Research Council of America.
6. Named to Best Doctors in America, 2003-2004.
7. Name as one of *America's Top Surgeons 2004-2005* by the Consumers' Research Council of America.
8. Named to Best Doctors in America, 2005-2006
9. Name as one of *America's Top Orthopedists 2007* by the Consumers' Research Council of America.
10. Named to Best Doctors in America, 2007- 2008.
11. Named as Top Doctor in America 2008 by American Registry
12. Named to Best Doctors in America, 2009-2010.
13. Named Patients' Choice Award 2009 by American Registry

Honors (Cont'd)

14. Named as Top Doctor in Tampa, Florida 2010 by the International Association of Orthopedic Surgeons
15. Named as one of America's Top Orthopedists 2010 by Consumer' Research Council of America.
16. Named Patient's Choice Award 2010 by American Registry
17. Named to Best Doctors in America, 2010-2011
18. Named as Top Doctor in Tampa, Florida 2011 by Best Doctors
19. Named as one of America's Top Orthopedists 2011 by Consumer' Research Council of America.
20. Named to Best Doctors in America^R, 2011-2012
21. Named to Becker's 2011 Top 70 Outstanding Hip Surgeons
22. Named to "Top 21 U.S. Hip Surgeons" by Orthopedics This Week
23. Named to Best Doctors in America^R, 2012-2013
24. Named to America's Top Orthopedists, 2013 by Consumer's Research
25. Council of America
26. Named to Best Doctors in America^R, 2013-2014
27. Named to America's Top Orthopedists, 2014 by Consumer's Research Council of America
28. Named to Best Doctors in America^R, 2014-2015
29. Named to Best Doctors in America^R, 2015-2016
30. Named to America's Top Surgeons, 2016 by Consumer's Research Council of America
31. Named to Best Doctors in America^R, 2016-2017
32. Named to Best Doctors in America^R, 2017-2018
33. Named to Best Doctors in America^R, 2018-2019
34. Named to Best Doctors in America^R, 2019-2020
35. Named to Becker's 2020: 65 Total Knee Replacement Surgeons to Know
36. Named to Best Doctors in America^R, 2020-2021
37. Named to Best Doctors in America^R, 2021-2022
38. Named to Best Doctors in America^R, 2022-2023

Presentations (Since May 1993)

1. Primary Total Knee Replacement Live Surgery. May, 1993. Performed as Visiting Professor to the Traumatology and Orthopedic Service at the Complejo Hospitalario de Leon. Leon, Spain.
2. Natural-Knee^R System: Primary and Revision-Design Rationale and Six Year Experience. May, 1993. Presented as Visiting Professor to the Traumatology and Orthopedic Service at the Complejo Hospitalario de Leon. Leon, Spain.
3. Natural-Knee^R System: Primary and Revision-Design Rationale and Six Year Experience. May, 1993. Presented as Visiting Professor at the Complejo Hospitalario de Salamanca. Salamanca, Spain.
4. Revision Total Knee Replacement- Unconstrained Prosthesis. July, 1993. Presented at the "Total Knee, Hip and Shoulder Arthroplasty Symposium." Hot Springs, Virginia.
5. Anatomic Stems: Design Rationale and Surgical Technique. October, 1993. Presented at the "Total Knee, Hip and Shoulder Arthroplasty Symposium." Pebble Beach, California.
6. Revisions after Total Knee Replacement. October, 1993. Presented at the Universitat Munchen "International Symposium on Knee Prostheses." Munich, Germany.
7. Primary Total Knee Replacement Live Surgery. October, 1993. Performed as Visiting Professor to the Saalfelder Thuringen-Klinik. Saalfeld, Germany.
8. Primary Total Knee Replacement Live Surgery. October, 1993. Performed as Visiting Professor to the Passau Hospital. Passau, Germany.
9. Six Year Experience with the Natural-Knee^R. October, 1993. Presented as Visiting Professor to the Passau Hospital. Passau, Germany.
10. Primary Total Knee Replacement Live Surgery. October, 1993. Performed as Visiting Professor to the Langensteinbach Hospital. Karlsbad, Germany.
11. Six Year Experience with the Natural-Knee^R. October, 1993. Presented as Visiting Professor to the Langensteinbach Hospital. Karlsbad, Germany.
12. Primary Total Knee Replacement Live Surgery. October, 1993. Performed as Visiting Professor to the Lubeck Hospital. Lubeck, Germany.
13. Primary Total Knee Replacement Live Surgery. October, 1993. Performed as Visiting Professor to the Dortmund Hospital. Dortmund, Germany.
14. Proximal Deficiencies in Revision Hips. October, 1993. Presented at the "Total Knee, Hip and Shoulder Arthroplasty" Symposium. Pebble Beach, California.

Presentations (Cont.)

15. Revision Total Knee Replacement: Reestablishment of the Correct Joint Line. October, 1993. Presented at the "Current Techniques in Arthroplasty" Symposium. Marathon, Florida.
16. Flexion/Extension Ligament Balancing in Revision Knee Arthroplasty. January, 1994. Presented at "The 11th Annual Arthritic Hip and Knee Symposium." Snowbird, Utah.
17. Proximal Femoral Bone Loss Solutions in Revision Hip Arthroplasty. January, 1994. Presented at "The 11th Annual Arthritic Hip and Knee Symposium." Snowbird, Utah.
18. Elbow Arthroplasty. January, 1994. Presented at the "Current Concepts of Shoulder and Elbow Surgery." St. Petersburg, Florida.
19. Revision Total Knee Replacement with the Natural-Knee^R System. March, 1994. Presented as Visiting Professor to the Orthopedic Service at the Robert Jones and Agnes Hunt Hospital. Oswestry, England.
20. Primary Total Knee Replacement and Revision Total Knee Replacement Live Surgeries. March, 1994. Performed as Visiting Professor at the Edith Cavell Hospital. Peterborough, England. Live Surgery. March, 1994. Performed at Live Interactive "Natural-Knee^R Symposium." Barcelona, Spain.
21. Design Rationale and Clinical Experience: Revision Natural-Knee^R. March, 1994. Presented at Live Interactive "Natural-Knee^R Symposium." Barcelona, Spain.
22. Anatomic Total Hip Stems: Design Rational. April, 1994. Presented at the "Total Knee, Hip and Shoulder Arthroplasty Symposium." Hilton Head, North Carolina.
23. Six Year Experience with the Natural-Knee^R System. April, 1994. Presented as Visiting Professor at the Orthopedic Clinic at Rechts der Isar Klinik. Munich, Germany.
24. Primary Total Knee Replacement Live Surgery. April, 1994. Performed as Visiting Professor at the Orthopedic Clinic at Rechts der Isar Klinik. Munich, Germany.
25. Design Rationale and Clinical Experience- Revision Natural-Knee^R System. April, 1994. Presented at the "Natural Knee Symposium." Oslo, Norway.
26. Primary Total Knee Replacement Live Surgery. April, 1994. Performed as Visiting Professor at the Orthopedic Clinic at Aalen Hospital. Aalen, Germany.

Presentations (Cont.)

27. Anatomic Total hip Stems: Design Rational and Clinical Experience. August, 1994. Presented at the "Total Knee, Hip and Shoulder Arthroplasty Symposium." Aspen, Colorado.
28. Cement vs. Cementless Total Hip Replacement: Making the Right Choice and Making each Work. October, 1994. Presented at the "Current Techniques in Arthroplasty" Symposium. Nevis, Caribbean West Indies.
29. Achieving Stability in Revision Total Knee Replacement: Reestablishment of the Correct Joint Line and Choice of Constraint. October, 1994. Presented at the "Current Techniques in Arthroplasty" Symposium. Nevis, Caribbean West Indies.
30. Revision Total Knee: Stabilization without Excessive Constraint. January, 1995. Presented at the "12th Annual Arthritic Hip, Knee and Shoulder Symposium." Snowbird, Utah.
31. Primary Hip Arthroplasty: Anatomic Stems- Cemented and Cementless. January, 1995. Presented at the "12th Annual Arthritic Hip, Knee and Shoulder Symposium." Snowbird, Utah.
32. Revision Hip Arthroplasty: Should Bulk Allografts be Abandoned? January, 1995. Presented at the "12th Annual Arthritic Hip, Knee and Shoulder Symposium." Snowbird, Utah.
33. Primary Total Knee Replacement Live Surgery. March, 1995. Performed as Visiting Professor at the Hospital Comarcal de Mora D'Ebre, Tarragona, Spain.
34. Primary Total Knee Replacement Live Surgery. March, 1995. Performed as Visiting Professor at the Hospital Virgen de las Nieves. Granada, Spain.
35. Natural-Knee^R Prosthesis: Clinical Experience and Results. March, 1995. Presented as Visiting Professor at the Hospital Virgen de las Nieves. Granada, Spain.
36. Primary Total Knee Replacement Live Surgery. March, 1995. Performed as Visiting Professor at the Hospital de El Escorial. Madrid, Spain.
37. Natural-Knee^R Prosthesis: Clinical Experience and Results. March, 1995. Presented as Visiting Professor at the Hospital de El Escorial. Madrid, Spain.
38. Total Knee Replacement with Patellar Resurfacing. March, 1995. Presented at the 3rd International Course of Reconstructive Knee Surgery. Madrid, Spain.
39. Revision Total Knee Replacement: Soft Tissue Problems. April, 1995. Presented at the 3rd International Course of Reconstructive Knee Surgery. Madrid, Spain.

Presentations (Cont.)

40. Primary Total Knee Replacement Live Surgery. May, 1995. Performed as Visiting Professor at the Katharinen Hospital. Stuttgart, Germany.
41. Primary Total Knee Replacement Live Surgeries. May, 1995. Performed at the "Total Knee Symposium" at the Orthopedic Clinic of Wiesbaden. Wiesbaden, Germany.
42. The Natural-Knee^R Replacement: Surgical Experience and Results. May, 1995. Presented at the "Total Knee Symposium" at the Orthopedic Clinic of Wiesbaden. Wiesbaden, Germany.
43. Revision Total Knee Replacement with Minimal Constraint. May, 1995. Presented at the "International Symposium on the Natural-Knee^R System". Montreux, Switzerland.
44. Total Hip Replacement: Anatomic Stem- Design Rationale. June, 1995. Presented at the "Total Knee, Hip and Shoulder Arthroplasty" Symposium. Dana Point, California.
45. Should Allografts be Abandoned in Total Hip Arthroplasty? July, 1995. Presented at the 2nd Annual Great Lakes Total Joint Symposium." Milwaukee, Wisconsin.
46. Revision Total Knee Arthroplasty: Stability without Constraint. July, 1995. Presented at the 2nd Annual Great Lakes Total Joint Symposium." Milwaukee, Wisconsin.
47. Primary Hip Arthroplasty: Anatomic Stems- Design Rationale. August, 1995. Presented at the "Total Hip, Knee and Shoulder Arthroplasty" Symposium. Pebble Beach, California.
48. Total Hip Arthroplasty: Diagnosis, X-ray and Physical Exam. November, 1995. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Clearwater Beach, Florida.
49. Total Knee Arthroplasty: Applied Anatomy, Surgical Approaches and Procedure. November, 1995. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Clearwater Beach, Florida.
50. Total Knee Arthroplasty: Prosthetic Component Selection, Medical Considerations and Treatment Options. November, 1995. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Clearwater Beach, Florida.
51. Total Elbow Arthroplasty: Indications, Diagnosis, X-ray, Applied Anatomy, Surgical Approach and Procedure. November, 1995. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Clearwater Beach, Florida.

Presentations (Cont.)

52. Stable Knee Revision without Constraint. January, 1996. Presented at the "14th Annual Arthritic Hip, Knee and Shoulder Symposium." Snowbird, Utah
53. Primary Hip Arthroplasty: Cemented Anatomic Stem. January, 1996. Presented at the "14th Annual Arthritic Hip, Knee and Shoulder Symposium." Snowbird, Utah.
54. Bulk Allograft Acetabulum- Abandon? January, 1996. Presented at the "14th Annual Arthritic Hip, Knee and Shoulder Symposium." Snowbird, Utah.
55. Total Hip and Total Knee Surgical Procedures. February, 1996. Presented at the "FOI-TGH Florida Joint Center Symposium." Tampa, Florida.
56. Total Hip and Total Knee Surgical Procedures. April, 1996. Presented at the "FOI-TGH Florida Joint Center Symposium." Sun City Center, Florida.
57. 2 Primary Total Knee Replacement Live Surgeries. May, 1996. Performed at "Knee Symposium" at the Stifftklinik Augustinuz. Bad Windsheim, Germany.
58. Nine Year Experience with the Natural-Knee^R. May, 1996. Presented at "Knee Symposium" at the Stifftklinik Augustinuz. Bad Windsheim, Germany.
59. Revision Total Knee Replacement: Design Rationale for the Natural-Knee^R Revision System, Pre-operative Planning, Intraoperative Techniques, and Clinical Results. May, 1996. Presented at "Revision Knee Symposium" at the Clinique de Saint-Saulve. Valenciennes, France.
60. Unconstrained Revision Total Knee Replacement: The Natural-Knee^R Revision Experience. May, 1996. Presented at the "Allo-Pro Symposium on the Natural-Knee^R System." Oslo, Norway.
61. Total Hip Arthroplasty: Diagnosis, X-ray and Physical Exam. May, 1996. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Orlando, Florida.
62. Complex Hip Problems: Revision, Infections, Limb Length Discrepancy, Allograft, and Abductor Deficiency. May, 1996. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Orlando, Florida.
63. Total Knee Arthroplasty: Applied Anatomy, Surgical Approaches and Procedure. May, 1996. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Orlando, Florida.
64. Total Knee Arthroplasty: Prosthetic Components, Selection, and Medical Considerations. May, 1996. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Orlando, Florida.

Presentations (Cont.)

65. Revision Total Knee Replacement: Use of Unconstrained Implants. May, 1996. Presented at the Florida Orthopaedic Society 1996 Annual Meeting. Palm Beach, Florida.
66. Acetabular Revision: Should Bulk Allografts be Abandoned? May, 1996. Presented at the Florida Orthopaedic Society 1996 Annual Meeting. Palm Beach, Florida.
67. Total Hip Replacement with Anatomic Stems: Design Rationale and Surgical Technique. May, 1996. Presented at the "Total Knee, Hip and Shoulder Arthroplasty" Symposium. Hamilton, Bermuda.
68. Clinical Experience with Natural-Knee^R Systems. June, 1996. Presented at the "Total Knee, Hip and Shoulder Arthroplasty" Symposium. Hamilton, Bermuda.
69. Hip and Knee Surgery. June, 1996. Presented at the "TGH/FOI Florida Joint Center Arthritis Seminar." Tampa, Florida.
70. Experience with the Natural-Knee^R Revision Total Knee System. August, 1996. Presented at the "Total Knee, Hip and Shoulder Arthroplasty" Symposium. Pebble Beach, California.
71. Total Hip Arthroplasty: Diagnosis, X-ray and Physical Exam. August, 1996. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Marco Island, Florida.
72. Complex Hip Problems: Revision, Infections, Limb Length Discrepancy, Allograft, and Abductor Deficiency. August, 1996. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Marco Island, Florida.
73. Total Knee Arthroplasty: Applied Anatomy, Surgical Approaches and Procedure. August, 1996. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Marco Island, Florida.
74. Total Knee Arthroplasty: Prosthetic Components, Selection, and Medical Considerations. August, 1996. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Marco Island, Florida.
75. Total Hip Arthroplasty: Diagnosis, X-ray and Physical Exam. November, 1996. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Orlando, Florida.
76. Complex Hip Problems: Revision, Infections, Limb Length Discrepancy, Allograft, and Abductor Deficiency. November, 1996. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Orlando, Florida.
77. Total Knee Arthroplasty: Applied Anatomy, Surgical Approaches and Procedure. November, 1996. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Orlando, Florida.

Presentations (Cont.)

78. Total Knee Arthroplasty: Prosthetic Components, Selection, and Medical Considerations. November, 1996. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Orlando, Florida
79. 2 Primary Total Knee Replacement and 1 Revision Total Knee Replacement Live Surgeries. November, 1996. Performed at the "Interactive Live Surgery Broadcast" Symposium. Tampa, Florida.
80. Design Rationale of the Natural-Knee^R II Primary Total Knee System and Clinical Results of the Natural-Knee^R System. November, 1996. Presented at the "Interactive Live Surgery Broadcast" Symposium. Tampa, Florida.
81. Revision Total Knee Replacement: Design Rationale and Clinical Results with the Natural-Knee^R System. November, 1996. Presented at the "Interactive Live Surgery Broadcast" Symposium. Tampa, Florida.
82. Revision Knee: Technique and Results. January, 1997. Presented at the "1997 Hip, Knee and Shoulder Symposium." Park City, Utah.
83. Revision Total Hip. January, 1997. Presented at the "1997 Hip, Knee and Shoulder Symposium." Park City, Utah.
84. Infected Total Hip Replacement. February, 1997. Presented at the "Orthopedic Symposium: Hip and Pelvis." Tampa, Florida.
85. Total Hip Arthroplasty: Diagnosis, X-ray and Physical Exam. May, 1997. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Orlando, Florida.
86. Complex Hip Problems: Revision, Infections, Limb Length Discrepancy, Allograft, and Abductor Deficiency. May, 1997. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Orlando, Florida.
87. Total Knee Arthroplasty: Applied Anatomy, Surgical Approaches and Procedure. May, 1997. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Orlando, Florida.
88. Total Knee Arthroplasty: Prosthetic Components, Selection, and Medical Considerations. May, 1997. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Orlando, Florida.
89. Cement vs. Cementless Total Knee Replacement- Making the Right Choice and Making each Work. June, 1997. Presented at the "Current Techniques in Arthroplasty" Symposium. Nevis, Caribbean West Indies.
90. Revision Total Hip Replacement- Options and Treatment with Acetabular Bone Loss. June, 1997. Presented at the "Current Techniques in Arthroplasty" Symposium. Nevis, Caribbean West Indies.
91. Experience with Revision Knees. August, 1997. Presented at the "Total Knee, Hip and Shoulder Arthroplasty" Symposium. Pebble Beach, California.

Presentations (Cont.)

92. Total Hip Arthroplasty: Diagnosis, X-ray and Physical Exam. October, 1997. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Orlando, Florida.
93. Complex Hip Problems: Revision, Infections, Limb Length Discrepancy, Allograft, and Abductor Deficiency. October, 1997. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Orlando, Florida.
94. Total Knee Arthroplasty: Applied Anatomy, Surgical Approaches and Procedure. October, 1997. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Orlando, Florida.
95. Total Knee Arthroplasty: Prosthetic Components, Selection, and Medical Considerations. October, 1997. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Orlando, Florida.
96. Revision Total Knee Replacement: Soft Tissue Balancing Techniques. October, 1997. Presented as Visiting Professor at Allegheny General Hospital. Pittsburgh, Pennsylvania.
97. Primary Total Hip Replacement and Revision Total Knee Replacement Live Surgeries. November, 1997. Performed at the "Total Joint Arthroplasty Primary and Revision Surgical Technique: An Interactive Video Symposium." Tampa, Florida.
98. Revision Total Knee Replacement with Minimal Constraint. November, 1997. Presented at the "Total Joint Arthroplasty Primary and Revision Surgical Technique: An Interactive Video Symposium." Tampa, Florida.
99. Primary and Revision Knee Replacement Live Surgeries. November, 1997. Performed at the "Knee Replacement Symposium" at the Langensteinbach Hospital. Karlsbad, Germany.
100. Experience with the Primary Natural-Knee^R System. November, 1997. Presented at the "Knee Replacement Symposium" at the Langensteinbach Hospital. Karlsbad, Germany.
101. Design Rationale and Experience with the Revision Natural-Knee^R System. November, 1997. Presented at the Langensteinbach Hospital. Karlsbad, Germany.
102. Design Rationale for the Natural-Knee^R Revision System. November, 1997. Presented at the SOFCOT Meeting. Paris, France.
103. Experience with the Revision Natural-Knee^R I and II Systems. November, 1997. Presented at the SOFCOT Meeting. Paris, France.
104. Unconstrained Total Knee Revision. February, 1998. Presented at the "1998 Hip, Knee and Shoulder Symposium." Park City, Utah.

Presentations (Cont.)

105. Revision Total Hip Arthroplasty with Long Stems. February, 1998. Presented at the "1998 Hip, Knee and Shoulder Symposium." Park City, Utah.
106. Cementless Fixation with CsTi^R Titanium Porous Coating in Knee Replacement Surgery. April, 1998. Presented at the "International Comparison of Experiences and Knowledge of Hydroxyapatite." Rome, Italy.
107. Total Knee Replacement Live Surgery Demonstration. April, 1998. Presented at Catania Hospital. Catania, Sicily, Italy.
108. The Primary Natural-Knee^R: Design Rational and Clinical Experience. April, 1998. Presented at "Modern Acquisition in Surgery: Knee and Hip" symposium. Catania, Sicily, Italy.
109. Revision Total Knee Replacement: Obtaining Stability with Minimal Constraint. April, 1998. Presented at "Modern Acquisition in Surgery: Knee and Hip" symposium. Catania, Sicily, Italy.
110. Experience with Natural Knee^R Replacement Surgery. April, 1998. Presented as Visiting Professor to the University of Catanzaro Orthopedic Clinic. Catanzaro, Italy.
111. Total Knee Replacement Live Surgery. April, 1998. Presented as Visiting Professor to the University of Catanzaro Orthopedic Clinic. Catanzaro, Italy.
112. Natural Knee^R II Primary: Design Rational and Experience. April, 1998. Presented at the "Natural Knee^R II Symposium" at the Orthopedic University Clinic. Magdeburg, Germany.
113. Natural Knee^R Revision: Importance of Preoperative Planning and Experience. April, 1998. Presented at the "Natural Knee^R II Symposium" at the Orthopedic University Clinic. Magdeburg, Germany.
114. Primary and Revision Knee Replacement Live Surgeries. April, 1998. Performed at the "Natural Knee^R II Symposium" at the Orthopedic University Clinic. Magdeburg, Germany.
115. Revision Total Knee Replacement: Choice of Constraint and Methods to Obtain Stability. June, 1998. Presented at the "Current Techniques in Arthroplasty" Symposium. Key Largo, Florida.
116. Revision Total Hip Replacement: Options and Treatment with Acetabular Bone Loss. June, 1998. Presented at the "Current Techniques in Arthroplasty" Symposium. Key Largo, Florida.
117. Subvastus Approach for Total Knee Arthroplasty: Video. July, 1998. Presented at the "State of the Art in Total Knee Arthroplasty." Alice Springs, Australia.

Presentations (Cont.)

118. How I do a Total Knee Arthroplasty: Video Techniques. July, 1998. Presented at the "State of the Art in Total Knee Arthroplasty." Alice Springs, Australia.
119. Techniques and Results of Compression Osteotomy. July, 1998. Presented at the "State of the Art in Total Knee Arthroplasty." Alice Springs, Australia.
120. Aspects and Aspirations of Revision Knee Arthroplasty. July, 1998. Presented at "Knee Symposium." Sydney, Australia.
121. Aspects and Aspirations of Revision Knee Arthroplasty. July, 1998. Presented at "Knee Symposium." Melbourne, Australia.
122. Acetabular Reconstruction in Revision Total Hip Arthroplasty. July, 1998. Presented at the "Total Knee, Hip and Shoulder Arthroplasty" Symposium. Pebble Beach, California.
123. Total Hip Arthroplasty: Diagnosis, X-ray and Physical Exam. October, 1998. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Orlando, Florida.
124. Complex Hip Problems: Revision, Infections, Limb Length Discrepancy, Allograft, and Abductor Deficiency. October, 1998. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Orlando, Florida.
125. Total Knee Arthroplasty: Applied Anatomy, Surgical Approaches and Procedure. October, 1998. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Orlando, Florida.
126. Total Knee Arthroplasty: Prosthetic Components, Selection, and Medical Considerations. October, 1998. Presented at the "Total Joint Replacement and Rehabilitation" Seminar. Orlando, Florida.
127. Revision Total Knee Replacement and Revision Total Hip Replacement Live Surgeries. November, 1998. Performed at the "Interactive Live Surgery Broadcast" Symposium. Tampa, Florida.
128. Revision Total Knee Replacement: Soft Tissue Balancing. November, 1998. Presented at the "Interactive Live Surgery Broadcast" Symposium. Tampa, Florida.
129. Revision Total Knee Replacement Live Surgery. March, 1999. Presented at the "1999 Hip, Knee and Shoulder Symposium." Park City, Utah.
130. Constrained versus Unconstrained Total Knee Revision. March, 1999. Presented at the "1999 Hip, Knee and Shoulder Symposium." Park City, Utah.
131. Primary Cementless Total Hip Replacement Surgical Technique. March, 1999. Presented at the "1999 Hip, Knee and Shoulder Symposium." Park City, Utah.

Presentations (Cont.)

132. Revision Total Knee Replacement with Minimally Constrained Implants. March, 1999. Presented at "Knee Symposium". Lille, France.
133. Total Knee Replacement Live Surgery Demonstration. March, 1999. Presented at the University Hospital St. Gallen. St. Gallen, Switzerland.
134. Soft Tissue Balancing in Revision Total Knee Replacement. March, 1999. Presented at "International Hip and Knee Revision Symposium." Basel, Switzerland.
135. Patellar Subluxation/Luxation. March, 1999. Presented at "International Hip and Knee Revision Symposium." Basel, Switzerland.
136. Revision Total Knee Replacement with Minimally Constrained Implants. March, 1999. Presented at "Knee Symposium". St. Gallen, Switzerland
137. Acetabular Reconstruction in Revision Total Hip Replacement. April, 1999. Presented at "Total Knee, Hip and Shoulder Arthroplasty Workshop/Seminar." Pinehurst, North Carolina.
138. Natural-Knee II Revision System- Design Rationale. May, 1999. Presented at "International Natural-Knee Meeting." Boston, Massachusetts.
139. Instability in Revision Total Knee Replacement- Diagnosis and Treatment. May, 1999. Presented at "International Natural-Knee Meeting." Boston, Massachusetts.
140. Treatment of the Infected Total Knee. May, 1999. Presented at "International Natural-Knee Meeting." Boston, Massachusetts.
141. Cement versus Cementless Total Knee Replacement- Making the Right Choice and Making it Work. June, 1999. Presented at the "Current Techniques in Arthroplasty" Symposium. Key Largo, Florida.
142. Revision Total Knee Replacement- Component Constraint and Methods to Obtain Stability. June, 1999. Presented at the "Current Techniques in Arthroplasty" Symposium. Key Largo, Florida.
143. Arthritis of the Knee. August, 1999. Presented at the "Comprehensive Orthopaedic Seminar." St. Petersburg Beach, Florida.
144. Soft Tissue Balancing in Revision Total Knee Replacement- Minimizing Implant Constraint. September, 1999. Presented at "10th Annual Interlaken Meeting." Interlaken, Switzerland.
145. The Primary Natural Knee II Design Rationale and Clinical Experience. November, 1999. Presented at the SIOT Meeting. Rome, Italy.
146. Soft Tissue Balancing. November, 1999. Presented at the SIOT Meeting. Rome, Italy.
147. Total Knee Replacement Live Surgery Demonstration. November, 1999. Presented at the Grosseto Hospital. Grosseto, Italy.
148. The Primary Natural Knee II Design Rationale and Clinical Experience. November, 1999. Presented at the Grosseto Hospital. Grosseto, Italy.

Presentations (Cont.)

149. Soft Tissue Balancing. November, 1999. Presented at the Grosseto Hospital. Grosseto, Italy.
150. Total Knee Replacement Live Surgery Demonstration. November, 1999. Presented at the Livorno Hospital. Pisa, Italy.
151. Primary Metasul Total Hip Replacement. February, 2000. Presented at "Total Joint Arthroplasty, Revision Surgical Technique." Tampa, Florida
152. Soft Tissue Balancing in Revision Total Knee Replacement. February, 2000. Presented at "Total Joint Arthroplasty, Revision Surgical Technique." Tampa, Florida.
153. Revision Total Knee Replacement Live Surgery. February, 2000. Presented at "Total Joint Arthroplasty, Revision Surgical Technique." Tampa, Florida.
154. Revision Total Knee Replacement Live Surgery. March, 2000. Presented at the "Total Joint Arthroplasty: An Interactive Live Surgery Broadcast and Symposium." Kissimmee, Florida.
155. Revision Total Knee Replacement Live Surgery. March, 2000. Presented at the "2000 Hip, Knee and Shoulder Symposium." Park City, Utah.
156. Revision with Unconstrained Total Knee Arthroplasty. March, 2000. Presented at the "2000 Hip, Knee and Shoulder Symposium." Park City, Utah.
157. Primary Total Hip: Cement vs. Cementless Stems. March, 2000. Presented at the "2000 Hip, Knee and Shoulder Symposium." Park City, Utah.
158. Revision Total Hip: Acetabular Defects treated with Jumbo Cup and Protrusio Shells. April, 2000. Presented at the "2000 Hip, Knee and Shoulder Symposium." Park City, Utah.
159. Revision Total Knee Replacement- Component Constraint and Methods to Obtain Stability. June, 2000. Presented at the "Current Techniques in Arthroplasty" Course. Key Largo, Florida.
160. What do you do when a Patient has Osteolysis and no Symptoms? July, 2000. Presented at the "Total Knee, Hip and Shoulder Arthroplasty Seminar." Carsbad, California.
161. Avoiding Instability in Revision Total Knee Arthroplasty. July, 2000. Presented at the "Total Knee, Hip and Shoulder Arthroplasty Seminar." Carsbad, California.
162. Using Unconstrained Implants for Revision Total Knee Replacement. September, 2000. Presented at the ESSKA Meeting. London, England.
163. Design Rationale for the Natural Knee II Revision. September, 2000. Presented at the ESSKA Meeting. London, England.
164. Clinical Results with the Natural Knee II Revision System. September, 2000. Presented at the ESSKA Meeting. London, England.

Presentations (Cont.)

165. Total Knee Replacement Live Surgery Demonstration. Presented at the Hospital Virgen de la Salud. Toledo, Spain.
166. Primary Natural Knee II Design Rationale and Clinical Results. September, 2000. Presented at the Hospital Virgen de la Salud. Toledo, Spain.
167. Total Knee Replacement Live Surgery Demonstration. Presented at the Hospital Universitario Dr. Peset. Valencia, Spain.
168. Knee II Design Rationale and Clinical Results. September, 2000. Presented at the Hospital Universitario Dr. Peset. Valencia, Spain
169. Treatment for Osteolysis of the Hip. October, 2000. Presented at the "World Tribology Forum." Boston, Massachusetts.
170. APR/Metasul IDE Results. October, 2000. Presented at the "World Tribology Forum." Boston, Massachusetts.
171. Allografts for Revision Hip Arthroplasty. December, 2000. Presented at the " Excellence in Revision: Contemporary Treatment of Revision Hip Arthroplasty" Course. New York, New York.
172. Stem Designs in Revision Total Hip Arthroplasty. December, 2000. Presented at the " Excellence in Revision: Contemporary Treatment of Revision Hip Arthroplasty" Course. New York, New York.
173. Soft Tissue Balancing in Revision Total Knee Arthroplasty. February, 2001. Presented at the "Total Joint Arthroplasty: A Interactive Live Surgery Broadcast Symposium." San Francisco, California.
174. Revision with Unconstrained TKA. March, 2001. Presented at the "2001 Hip, Knee and Shoulder Symposium." Park City, Utah.
175. Anatomic Cemented Stems. March, 2001. Presented at the "2001 Hip, Knee and Shoulder Symposium." Park City, Utah.
176. Acetabular Defects with Jumbo Cup/ Protrusio Shells. March, 2001. Presented at the "2001 Hip, Knee and Shoulder Symposium." Park City, Utah.
177. Revision Total Hip Revision Live Surgery Demonstration. April, 2001. Presented at "The Masters Series Course: Techniques in Arthritis Surgery." Pasadena, California.
178. Management of Bone Defects in Primary and Revision Total Knee. June 2001. Presented at the "Current Techniques in Arthroplasty" Course. Key Largo, Florida.
179. Revision TKR- Balancing the Knee without Bony Landmarks. June 2001. Presented at the "Current Techniques in Arthroplasty" Course. Key Largo, Florida.

Presentations (Cont.)

180. Treatment of the Asymptomatic Hip with Osteolysis. July 2001. Presented at the "Wear Problems in Joint Replacement" Course. Asheville, North Carolina.
181. Revision TKA: Planning, Planning, Planning. August 2001. Presented at the "Total Knee, Hip and Shoulder Arthroplasty Seminar." Beaver Creek, Colorado.
182. Revision Total Knee: Design and Surgical Technique Video Presentation. November, 2001. Presented at the Excellence in Total Joint Replacement Outcomes: Focus on Design and Technique" Course. Newport Beach, California.
183. Total Hip Revision Case Study Presentations. November, 2001. Presented at the Excellence in Total Joint Replacement Outcomes: Focus on Design and Technique" Course. Newport Beach, California.
184. Cages are the Preferred Treatment for Large Acetabular Defects- In Opposition. December, 2001. Presented at the "Current Concepts in Joint Replacement" Course. Orlando, Florida.
185. Pre-Operative Planning for Revision TKA: Avoiding Chaos. December, 2001. Presented at the "Current Concepts in Joint Replacement" Course. Orlando, Florida.
186. Primary Total Knee Replacement Live Surgery Demonstration. January 2002. Presented at the Einsiedeln Inospital. Einsiedeln, Switzerland.
187. Management of Bone Defects in Revision Total Knee Replacement. January 2002. Presented at the Portuguese Knee Society Annual Symposium. Vidago, Portugal.
188. The Natural Knee Primary System. January 2002. Presented at the Portuguese Knee Society Annual Symposium. Vidago, Portugal.
189. Revision Total Knee Replacement: Pre-Operative Planning. January 2002. Presented at the Portuguese Knee Society Annual Symposium. Vidago, Portugal.
190. Revision Total Knee Replacement: Pre-Operative Planning. February 2002. Presented at "Instructional Course Lecture: Revision Total Knee Replacement" at the AAOS Annual Meeting. Dallas, Texas.
191. Revision Total Knee Replacement: Joint Line and Soft Tissue Balancing. February 2002. Presented at "Instructional Course Lecture: Revision Total Knee Replacement" at the AAOS Annual Meeting. Dallas, Texas.
192. Pre-operative Planning in Revision TKR. March 2002. Presented at "The 2002 Hip, Knee, and Shoulder Symposium: New Opportunities and New Challenges" Course. Salt Lake City, Utah.

Presentations (Cont.)

193. Revision TKR- Component Constraint and Methods to Obtain Stability. March 2002. Presented at "The 2002 Hip, Knee, and Shoulder Symposium: New Opportunities and New Challenges" Course. Salt Lake City, Utah.
194. Cementless Anatomic Stem: Long-term Results. March 2002. Presented at "The 2002 Hip, Knee, and Shoulder Symposium: New Opportunities and New Challenges" Course. Salt Lake City, Utah
195. The Primary Natural Knee: Design Rationale and Clinical Experience. March, 2002. Presented at the "Endoprotheses Tribiological Solutions for the New Century" Course. Riviera Maya, Mexico.
196. Revision Total Knee Replacement: Balancing the Knee without Bony Landmarks. March, 2002. Presented at the "Endoprotheses Tribiological Solutions for the New Century" Course. Riviera Maya, Mexico.
197. Revision Acetabulum for Large Defects/ Avoiding Cages. May 2002. Presented at the "Coastal Bend Hip and Knee Symposium" Course. Port Aransas, Texas.
198. Revision TKA- Balancing the Knee with Minimal Constraint. May 2002. Presented at the "Coastal Bend Hip and Knee Symposium" Course. Port Aransas, Texas.
199. Cages are the Preferred Treatment for Large Acetabular Defects- In Opposition. May, 2002. Presented at the "Current Concepts in Joint Replacement" Course. Las Vegas, Nevada.
200. Pre-Operative Planning for Revision TKA: Avoiding Chaos. May, 2002. Presented at the "Current Concepts in Joint Replacement" Course. Las Vegas, Nevada.
201. Revision Total Knee Replacement: Balancing the Knee. June 2002. Presented at the "Hip, Knee and Shoulder Arthroplasty Symposium." Pinehurst, North Carolina.
202. Acetabular Revision with Jumbo Cups. June 2002. Presented at the "Hip, Knee and Shoulder Arthroplasty Symposium." Pinehurst, North Carolina.
203. Two Stage Treatment of Infected Total Knee Replacement: The Advantage of an Implant Spacer. June 2002. Presented at the "Hip, Knee and Shoulder Arthroplasty Symposium." Pinehurst, North Carolina.
204. Balancing the Knee without Bony Landmarks. June, 2002. Presented at the "Current Techniques in Arthroplasty" Symposium. Key Largo, Florida.
205. Options and Treatment of Severe Acetabular Bone Loss. June, 2002. Presented at the "Current Techniques in Arthroplasty" Symposium. Key Largo, Florida.
206. Pre-Operative Planning in Revision TKR: Implant Selection and How to Restore the Joint Line. August, 2002. Presented at the "Natural Knee Meeting." San Diego, California.

Presentations (Cont.)

207. Intra-operative Techniques in Revision TKR: Obtaining Stability with Minimal Constraint. August, 2002. Presented at the "Natural Knee Meeting." San Diego, California.
208. Management of Bone Defects in Revision Knee Replacement. August, 2002. Presented at the "Natural Knee Meeting." San Diego, California.
209. Durasul™ for the Knee. October, 2002. Presented at the "Advances in Hip & Knee Arthroplasty: A New Era of Minimally Invasive Techniques?" Course. Boston, Massachusetts.
210. Constrained Implants in Rev TKR. October, 2002. Presented at the "Advances in Hip & Knee Arthroplasty: A New Era of Minimally Invasive Techniques?" Course. Boston, Massachusetts.
211. Two Stage Reconstructions for Infected TKR: Use of Temporary Spacers. October, 2002. Presented at the "Advances in Hip & Knee Arthroplasty: A New Era of Minimally Invasive Techniques?" Course. Boston, Massachusetts.
212. Revision Total Knee Replacement: Pre-Operative Planning. February 2003. Presented at "Instructional Course Lecture: Revision Total Knee Replacement" at the AAOS Annual Meeting. New Orleans, Louisiana.
213. Revision Total Knee Replacement: Joint Line and Soft Tissue Balancing. February 2003. Presented at "Instructional Course Lecture: Revision Total Knee Replacement" at the AAOS Annual Meeting. New Orleans, Louisiana.
214. Primary Total Knee Replacement Live Surgery Demonstration. February, 2003. Performed at OLV Ter Linden Hospital, Knokke, Belgium.
215. Primary Total Knee Replacement Live Surgery Demonstration. February, 2003. Roeselare, Belgium.
216. The Natural Knee II System Overview. February, 2003. Presented at "The Natural-Knee Family: A Solution for Every Knee" Symposium. Ghent, Belgium.
217. The Natural Knee II Primary Knee Results. February, 2003. Presented at "The Natural-Knee Family: A Solution for Every Knee" Symposium. Ghent, Belgium.
218. Soft Tissue Balancing in Revision Total Knee Surgery. February, 2003. Presented at "The Natural-Knee Family: A Solution for Every Knee" Symposium. Ghent, Belgium.
219. Treatment of the Infected Total Knee Prosthesis. February, 2003. Presented at "The Natural-Knee Family: A Solution for Every Knee" Symposium. Ghent, Belgium.
220. Primary Total Knee Replacement Live Surgery Demonstration. February, 2003. Performed at Stedelijk Ziekenhuis Hospital, Aalst, Belgium.

Presentations (Cont.)

221. Primary Total Knee Replacement Live Surgery Demonstration. February, 2003. Brussels, Belgium.
222. Primary Total Knee Replacement Live Surgery Demonstration. February, 2003. Performed at Princesse Marie-Astrid Hospital, Luxemburg City, Luxemburg.
223. Pre-op Planning of the Revision Knee. March, 2003. Presented at the "2003 Hip, Knee, and Shoulder Symposium". Park City, Utah.
224. Unconstrained Revision. March, 2003. Presented at the "2003 Hip, Knee, and Shoulder Symposium". Park City, Utah.
225. Cementless Anatomic Stems- Long Term Results. March, 2003. Presented at the "2003 Hip, Knee, and Shoulder Symposium". Park City, Utah.
226. Pro MIS THR Debate. April, 2003. Presented at the "10th Annual Masters Series: Techniques in Arthritis Surgery". Pasadena, California.
227. Revision Total Knee Replacement: Balancing the Knee without Bony Landmarks. May 2003. Presented at the "Current Techniques in Arthroplasty" Symposium. Key Largo, Florida.
228. Revision Total Hip Replacement: Acetabular Reconstruction for Large Defects. May 2003. Presented at the "Current Techniques in Arthroplasty" Symposium. Key Largo, Florida.
229. Cemented vs. Cementless Total Knee Arthroplasty. May 2003. Presented at the "2nd Coastal Bend Hip and Knee Symposium." Corpus Christi, Texas.
230. Acetabular Revisions. May 2003. Presented at the "2nd Coastal Bend Hip and Knee Symposium." Corpus Christi, Texas.
231. Managing Knee with Minimal Constraint. May 2003. Presented at the "2nd Coastal Bend Hip and Knee Symposium." Corpus Christi, Texas.
232. Return of the All-Poly Tibia: In the Affirmative Debate. May 2003. Presented at the "Current Concepts in Joint Replacement" Course. Las Vegas, Nevada.
233. Pre-Operative Planning: Avoiding Chaos. May, 2003. Presented at the "Current Concepts in Joint Replacement" Course. Las Vegas, Nevada.
234. Highly Cross-Linked Polymers in Total Knee Replacement: A Bridge too Far: Some Cons Debate. May, 2003. Presented at the "Current Concepts in Joint Replacement" Course. Las Vegas, Nevada.
235. Jumbo Cup or High Hip Center: Is Bigger Better? May, 2003. Presented at the "Current Concepts in Joint Replacement" Course. Las Vegas, Nevada.
236. MIS Total Hip Replacement Panel Discussion. June, 2003. Presented at the "13th Annual Knee, Hip and Shoulder Arthroplasty Seminar." San Diego, California.

Presentations (Cont.)

237. Jumbo Cups for Large Acetabular Defects. June, 2003. Presented at the "13th Annual Knee, Hip and Shoulder Arthroplasty Seminar." San Diego, California.
238. Anterior Lateral Approach for MIS THA. June, 2003. Presented at the "13th Annual Knee, Hip and Shoulder Arthroplasty Seminar." San Diego, California.
239. Review of the State of the Art in THA, Bearing Surfaces, and Revision THA Panel Discussion. June, 2003. Presented at the "13th Annual Knee, Hip and Shoulder Arthroplasty Seminar." San Diego, California.
240. Planning for Revision Total Knee Replacement. June, 2003. Presented at the "13th Annual Knee, Hip and Shoulder Arthroplasty Seminar." San Diego, California.
241. Revision Total Knee Replacement Panel Discussion. June, 2003. Presented at the "13th Annual Knee, Hip and Shoulder Arthroplasty Seminar." San Diego, California.
242. Modular Hip Replacement. July, 2003. Presented at the Dorr/Gustke/Hofmann Fellows Meeting. Half Moon Bay, California.
243. Anterior Lateral Minimally Invasive Surgery Total Hip Approach. July, 2003. Presented at the Dorr/Gustke/Hofmann Fellows Meeting. Half Moon Bay, California.
244. Minimally Invasive Surgery vs. Non-Minimally Invasive Surgery Total Hip Arthroplasty. September, 2003. Presented at the Harvard Medical School "Advances in Arthroplasty: New Technologies, New Techniques" symposium. Cambridge, Massachusetts.
245. Should we Eliminate All-Polyethylene Tibial Components? September, 2003. Presented at the Harvard Medical School "Advances in Arthroplasty: New Technologies, New Techniques" symposium. Cambridge, Massachusetts.
246. Primary Total Knee Replacement Live Surgery Demonstration. September, 2003. Performed at the Hospital Cruz Roja, Madrid, Spain.
247. Primary Total Knee Replacement Live Surgery Demonstration. September, 2003. Performed at the Hospital Clinica Centro, Madrid, Spain.
248. The Primary Natural Knee: Design Rationale and Clinical Experience. September, 2003. Presented at the "Natural-Knee United Kingdom Programme." Birmingham, England.
249. Cement vs Cementless in Total Knee Replacement. September, 2003. Presented at the "Natural-Knee United Kingdom Programme." Birmingham, England.

Presentations (Cont.)

250. Treatment of the Infected Knee. September, 2003. Presented at the "Natural-Knee United Kingdom Programme." Birmingham, England.
251. Revision Total Knee Replacement: Balancing the Knee without Bony Landmarks. September, 2003. Presented at the "Natural-Knee United Kingdom Programme." Birmingham, England.
252. The Primary Natural Knee: Design Rationale and Clinical Experience. September, 2003. Presented at the "Natural-Knee II Meeting." Berlin, Germany.
253. Clinical Experience with Highly Crosslinked Polyethylene Durasul. September, 2003. Presented at the "Natural-Knee II Meeting." Berlin, Germany.
254. Treatment of Infected Total Knee. September, 2003. Presented at the "Natural-Knee II Meeting." Berlin, Germany.
255. Management of Bone Defects in Primary and Revision Total Knee. September, 2003. Presented at the "Natural-Knee II Meeting." Berlin, Germany.
256. Revision Total Knee Replacement: Balancing the Knee without Bony Landmarks. September, 2003. Presented at the "Natural-Knee II Meeting." Berlin, Germany.
257. Recurring Dislocations are Best Treated with Constrained Socket: In Opposition debate. December, 2003. Presented at the "Current Concepts in Joint Replacement" Course. Orlando, Florida.
258. Cemented Tibial Stems are Requisite in Revision Total Knee Replacement: In Opposition debate. December, 2003. Presented at the "Current Concepts in Joint Replacement" Course. Orlando, Florida.
259. Preoperative Planning in Revision Total Knee Replacement: Where do you want to go? December, 2003. Presented at the "Current Concepts in Joint Replacement" Course. Orlando, Florida.
260. Jumbo Cups for Large Acetabular Defects. January, 2004. Presented at the "State of the Art: Total Hip and Total Knee Replacement: Controversies and Solutions." Vail, Colorado.
261. Initial Experience with Minimally Invasive Hip Surgery. January, 2004. Presented at the "State of the Art: Total Hip and Total Knee Replacement: Controversies and Solutions." Vail, Colorado.
262. Constrained Cups are not always the Answer. January, 2004. Presented at the "State of the Art: Total Hip and Total Knee Replacement: Controversies and Solutions." Vail, Colorado.
263. Cementless vs Cemented Total Knee Replacement. January, 2004. Presented at the "State of the Art: Total Hip and Total Knee Replacement: Controversies and Solutions." Vail, Colorado.

Presentations (Cont.)

264. Two Stage Treatment of Infected Total Knee Replacement: Mobile Implant Spacers make a Difference. January, 2004. Presented at the "State of the Art: Total Hip and Total Knee Replacement: Controversies and Solutions." Vail, Colorado.
265. Minimally Invasive Total Knee Replacement Live Surgery Demonstration. February, 2004. Presented at "The 20th Annual Hip, Knee and Shoulder Symposium." Park City, Utah.
266. Preoperative Planning in Revision Total Knee Replacement. February, 2004. Presented at "The 20th Annual Hip, Knee and Shoulder Symposium." Park City, Utah.
267. Jumbo Cups for Large Acetabular Defects. February, 2004. Presented at "The 20th Annual Hip, Knee and Shoulder Symposium." Park City, Utah.
268. Revision Total Knee Replacement: Pre-Operative Planning. March, 2004. Presented at "Instructional Course Lecture: Revision Total Knee Replacement" at the AAOS Annual Meeting. San Francisco, California.
269. Revision Total Knee Replacement: Joint Line and Soft Tissue Balancing. March, 2004. Presented at "Instructional Course Lecture: Revision Total Knee Replacement" at the AAOS Annual Meeting. San Francisco, California.
270. Use of Jumbo Cups for Revision of Acetabulum with Large Bony Defects. March, 2004. Presented at the AAOS Annual Meeting. San Francisco, California.
271. Revision Total Knee Arthroplasty: Is Increased Constraint Necessary. April, 2004. Presented at "Emerging Techniques and Technologies in Hip and Knee Arthroplasty" symposium. Atlanta, Georgia.
272. Anterolateral Minimally Invasive Total Hip Surgical Approach. April, 2004. Presented at "Emerging Techniques and Technologies in Hip and Knee Arthroplasty" symposium. Atlanta, Georgia.
273. Management of Bone Defects in Primary and Revision Total Knee Replacement. April, 2004. Presented at the "Tips and Tricks from Primary to Revision Knee Endoprosthetics" symposium. Basel, Switzerland.
274. Preoperative Planning in Revision Total Knee Replacement. April, 2004. Presented at the "Tips and Tricks from Primary to Revision Knee Endoprosthetics" symposium. Basel, Switzerland.
275. Revision Total Knee Replacement: Balancing the Knee without Bony Defects. April, 2004. Presented at the "Tips and Tricks from Primary to Revision Knee Endoprosthetics" symposium. Basel, Switzerland.

Presentations (Cont.)

276. Pre-operative Planning: *Avoiding Chaos*. May, 2004. Presented at "Current Concepts in Joint Replacement" course. Las Vegas, Nevada.
277. Jumbo Cups: Preferred Choice for Acetabular Bone Loss- In Affirmative. May, 2004. Presented at "Current Concepts in Joint Replacement" course. Las Vegas, Nevada.
278. Minimally Invasive Hip Surgery Live Demonstration. June, 2004. Performed at Cemac Hospital, Havana, Cuba.
279. Minimally Invasive Surgery: What, Why and What For? June, 2004. Presented at the "Current Techniques in Arthroplasty" Symposium. Key Largo, Florida.
280. Revision for Acetabular Bone Loss- Use of High Hip Center and Jumbo Cups. June, 2004. Presented at the "Current Techniques in Arthroplasty" Symposium. Key Largo, Florida.
281. Balancing the Knee without Bony Landmarks. June, 2004. Presented at the "Current Techniques in Arthroplasty" Symposium. Key Largo, Florida.
282. Minimally Invasive Total Knee Replacement. June, 2004. Presented at the "Current Techniques in Arthroplasty" Symposium. Key Largo, Florida.
283. Video Technique: Anterolateral Minimally Invasive Total Hip Replacement. August, 2004. Presented at the Rush Presbyterian- St. Luke's Medical Center "Total Hip and Total Knee Forum." Chicago, Illinois.
284. Revision of the Recurrent Dislocating Hip. August, 2004. Presented at the Rush Presbyterian- St. Luke's Medical Center "Total Hip and Total Knee Forum." Chicago, Illinois.
285. Balancing and Constraint in Revision Total Knee Arthroplasty. August, 2004. Presented at the Rush Presbyterian- St. Luke's Medical Center "Total Hip and Total Knee Forum." Chicago, Illinois.
286. Management of Infected Total Knee Arthroplasty with Articular Spacers. August, 2004. Presented at the Rush Presbyterian- St. Luke's Medical Center "Total Hip and Total Knee Forum." Chicago, Illinois.
287. Minimally Invasive Total Knee Replacement. September, 2004. Presented at the Swiss General Orthopedic Kongress. Montreux, Switzerland.
288. Minimally Invasive Total Knee Replacement: Results with Comparison to Matched set of Non-minimally Invasive Total Knee Replacement. September, 2004. Presented at the Swiss General Orthopedic Kongress. Montreux, Switzerland.
289. Minimally Invasive Total Hip Replacement: What, Why and What for? October, 2004. Presented at "The Zimmer Institute Orthopaedic Update 2004: Shoulder, Elbow, Hip, and Knee." Boca Raton, Florida.

Presentations (Cont.)

290. Anterolateral Minimally Invasive Total Hip Replacement: Video Presentation. October, 2004. Presented at "The Zimmer Institute Orthopaedic Update 2004: Shoulder, Elbow, Hip, and Knee." Boca Raton, Florida.
291. Initial Experience with Minimally Invasive Subvastus Total Knee Procedure. October, 2004. Presented at "The Zimmer Institute Orthopaedic Update 2004: Shoulder, Elbow, Hip, and Knee." Boca Raton, Florida.
292. Minimally Invasive Total Knee Replacement: Against "Quad Sparing." October, 2004. Presented at "The Zimmer Institute Orthopaedic Update 2004: Shoulder, Elbow, Hip, and Knee." Boca Raton, Florida.
293. Mini Anterior Total Hip Clinical Results. October, 2004. Presented at "The Zimmer Institute Orthopaedic Update 2004: Shoulder, Elbow, Hip, and Knee." Boca Raton, Florida.
294. Use of Jumbo Cups: A Treatment of Choice. December, 2004. Presented at the "Current Concepts in Joint Replacement." Orlando, Florida.
295. Is Increasing Implant Constraint Really Necessary in Revision? December, 2004. Presented at the "Current Concepts in Joint Replacement." Orlando, Florida.
296. Mini-Incision Quad Sparing TKA: Through the Front Smartly. December, 2004. Presented at the "Current Concepts in Joint Replacement." Orlando, Florida.
297. Initial Experience with Minimally Invasive Total Hip Replacement via the Anterolateral Approach: Does it make a Difference? A Comparison with a Like Set of Non-Minimally Invasive Cases. January, 2005. Presented at the "19th Annual Vail Orthopaedic Symposium," Vail, Colorado.
298. Revision of Recurrent Dislocation Hip: Constrained Sockets are not Always Needed. January, 2005. Presented at the "19th Annual Vail Orthopaedic Symposium," Vail, Colorado.
299. Quadriceps Muscle Sparing Minimal Incision Total Knee Replacement from the Front: Does it Make a Difference? Comparison to a Like Set of Non-Minimally Invasive Total Knee Replacements. January, 2005. Presented at the "19th Annual Vail Orthopaedic Symposium," Vail, Colorado.
300. 10 Year Minimum Results with the Cemented Natural Knee System. January, 2005. Presented at the "19th Annual Vail Orthopaedic Symposium," Vail, Colorado.
301. Revision Total Knee Replacement: Pre-Operative Planning. February, 2005. Presented at "Instructional Course Lecture: Revision Total Knee Replacement" at the American Academy of Orthopedic Surgeons Annual Meeting. Washington, D.C.

Presentations (Cont.)

302. Revision Total Knee Replacement: Joint Line and Soft Tissue Balancing. February, 2005. Presented at "Instructional Course Lecture: Revision Total Knee Replacement" at the American Academy of Orthopedic Surgeons Annual Meeting. Washington, D.C.
303. Subvastus Quad-Sparing Total Knee. March, 2005. Presented at "The Zimmer Institute 21st Annual Hip, Knee and Shoulder Symposium." Salt Lake City, Utah.
304. Spacers for Infected Total Knees. March, 2005. Presented at "The Zimmer Institute 21st Annual Hip, Knee and Shoulder Symposium." Salt Lake City, Utah.
305. Mini-Anterolateral Incision Total Hip Replacement. March, 2005. Presented at "The Zimmer Institute 21st Annual Hip, Knee and Shoulder Symposium." Salt Lake City, Utah.
306. Muscle-Sparing Minimally Invasive Anterolateral Total Hip Replacement. March, 2005. Presented at "The Zimmer Institute Course on Minimally Invasive Anterolateral Hip Replacement Surgery." Orlando, Florida.
307. Revision for Acetabular Bone Loss: Use of High Hips Center and Jumbo Cups. May, 2005. Presented at the "Thirteenth Annual Current Techniques in Arthroplasty." Key Largo, Florida.
308. Balancing the Revision Knee without Bony Landmarks. May, 2005. Presented at the "Thirteenth Annual Current Techniques in Arthroplasty." Key Largo, Florida.
309. Minimally Invasive Total Hip Replacement: Anterolateral Approach. May, 2005. Presented at the "Thirteenth Annual Current Techniques in Arthroplasty." Key Largo, Florida.
310. Minimally Invasive Total Knee Replacement: Subvastus Approach. May, 2005. Presented at the "Thirteenth Annual Current Techniques in Arthroplasty." Key Largo, Florida.
311. Computer-Assisted Total Knee Replacement. May, 2005. Presented at the "Annual Florida Orthopaedic Institute Adult Reconstruction Fellow's Meeting." Key Largo, Florida.
312. Quadriceps Sparing Minimally Invasive Total Knee Replacement: Initial Experience and Comparison to a Matched-Set of Non-Minimally Invasive Total Knee Replacements. June, 2005. Presented at the European Federation of National Associations of Orthopaedics and Traumatology Annual Meeting. Lisbon, Portugal.
313. Quadriceps Sparing Minimally Invasive Total Knee Replacement: Initial Experience and Comparison to a Matched-Set of Non-Minimally Invasive Total Knee Replacements. June, 2005. Presented at the "Natural-Knee MIS European Kick-off Meeting." Kiel, Germany.

Presentations (Cont.)

314. Quadriceps Sparing Minimally Invasive Total Knee Replacement: Surgical Demonstration. June, 2005. Presented at the "Natural-Knee MIS European Kick-off Meeting." Kiel, Germany.
315. Balancing the Revision Knee without Bony Landmarks. June, 2005. Presented at the "Natural-Knee MIS European Kick-off Meeting." Kiel, Germany.
316. Highly Crosslinked Polyethylenes in Total Knee Arthroplasty. June, 2005. Presented at the "Kieler Hip and Knee Symposium: Trends and Controversy in the Prosthetic Replacement of the Hip and Knee." Kiel, Germany.
317. Constraint in Revision Knee Surgery. June, 2005. Presented at the "Kieler Hip and Knee Symposium: Trends and Controversy in the Prosthetic Replacement of the Hip and Knee." Kiel, Germany.
318. Periprosthetic Infections about the Knee- Two Stage is the Way to Go. June, 2005. Presented at the "Kieler Hip and Knee Symposium: Trends and Controversy in the Prosthetic Replacement of the Hip and Knee." Kiel, Germany.
319. Quadriceps Sparing Minimally Invasive Total Knee Replacement: *Initial Experience and Comparison to a Matched-Set of Non-Minimally Invasive Total Knee Replacements.* June, 2005. Presented at "The Zimmer Institute Symposium on Minimally Invasive Total Knee Replacement with the Natural-Knee." Warsaw, Indiana
320. Watson-Jones MIS Anterolateral Approach for Total Hip Replacement. August, 2005. Presented at the Rush Presbyterian- St. Luke's Medical Center "Total Hip and Total Knee Forum." Chicago, Illinois.
321. Acetabular Revision with Jumbo Cups. August, 2005. Presented at the Rush Presbyterian- St. Luke's Medical Center "Total Hip and Total Knee Forum." Chicago, Illinois.
322. Revision for Recurrent Dislocating Total Hips. August, 2005. Presented at the Rush Presbyterian- St. Luke's Medical Center "Total Hip and Total Knee Forum." Chicago, Illinois.
323. Computer Assisted Total Knee Replacement. August, 2005. Presented at the Rush Presbyterian- St. Luke's Medical Center "Total Hip and Total Knee Forum." Chicago, Illinois.
324. Two Stage Treatment of Infected Total Knee with a Mobile Implant Spacer. August, 2005. Presented at the Rush Presbyterian- St. Luke's Medical Center "Total Hip and Total Knee Forum." Chicago, Illinois.

Presentations (Cont.)

325. Muscle Sparing Watson-Jones Anterolateral Approach for Total Hip Replacement. December, 2005. Presented at "The Zimmer Institute Course on Minimally Invasive Anterolateral Hip Replacement Surgery." Orlando, Florida.
326. Anterolateral Mini-Incision Total Hip: "Tween the Planes." December, 2005. Presented at the "Current Concepts in Joint Replacement." Orlando, Florida.
327. A MIS Muscle Sparing Subvastus Approach to Total Knee Replacement. December, 2005. Presented at the "Current Concepts in Joint Replacement." Orlando, Florida.
328. Single-Incision Muscle Sparing Anterolateral Approach for Total Hip Replacement. January, 2006. Presented at the "20th Annual Vail Orthopaedic Symposium," Vail, Colorado.
329. Comparison of Standard Incision, Mini-Incision, and Muscle Sparing Approach Results in Total Hip Replacement. January, 2006. Presented at the "20th Annual Vail Orthopaedic Symposium," Vail, Colorado.
330. Mini-Incision Muscle Sparing Subvastus Approach for Total Knee Replacement: Comparison to a Matched Set of Total Knee Replacements via a Standard Paramedian Approach. January, 2006. Presented at the "20th Annual Vail Orthopaedic Symposium," Vail, Colorado.
331. How to Get a Stable Revision Total Knee Replacement: Balancing the Gaps and Obtaining the Correct Joint Line Location. January, 2006. Presented at the "20th Annual Vail Orthopaedic Symposium," Vail, Colorado.
332. Minimally Invasive Direct-Lateral Approach for Total Hip Replacement. March, 2006. Presented at "Instructional Course Lecture: Minimally Invasive Hip Replacement" at the American Academy of Orthopedic Surgeons Annual Meeting. Chicago, Illinois.
333. Revision for Acetabular Bone Loss: Use of High Hips Center and Jumbo Cups. April, 2006. Presented at the "Thirteenth Annual Current Techniques in Arthroplasty." Key Largo, Florida.
334. Balancing the Revision Knee without Bony Landmarks. April, 2006. Presented at the "Thirteenth Annual Current Techniques in Arthroplasty." Key Largo, Florida.
335. Minimally Invasive Total Hip Replacement: Anterolateral Muscle Sparing Approach. April, 2006. Presented at the "Thirteenth Annual Current Techniques in Arthroplasty." Key Largo, Florida.
336. Minimally Invasive Total Knee Replacement: Subvastus Approach. April, 2006. Presented at the "Thirteenth Annual Current Techniques in Arthroplasty." Key Largo, Florida.

Presentations (Cont.)

337. Minimally Invasive Knee Surgery Live Demonstration. May, 2006. Performed at Lindenhof Clinic, Bern, Switzerland.
338. Minimally Invasive Knee Surgery Live Demonstration. May, 2006. Performed at Princess Astrid Hospital, Luxemburg City, Luxemburg.
339. Natural Knee Design Rationale and Long-Term Results. May, 2006. Presented to the "Zimmer Natural Knee User Group Symposium." London, England.
340. Minimally Invasive Total Knee Replacement: Comparison to Standard Incision Total Knee Replacement. May, 2006. Presented to the "Zimmer Natural Knee User Group Symposium." London, England.
341. Minimally Invasive Total Knee Replacement: Surgical Technique. May, 2006. Presented to the "Zimmer Natural Knee User Group Symposium." London, England.
342. Revision Total Knee Replacement: Balancing without Bony Landmarks. May, 2006. Presented to the "Zimmer Natural Knee User Group Symposium." London, England.
343. Debate: Highly Crosslinked Ultra High Molecular Weight Polyethylene in Total Knees: A Knee is not a Hip. Oppose. May, 2006. Presented at the "Current Concepts in Joint Replacement." Las Vegas, Nevada.
344. Panel Discussion: What would you do- Challenges in Hip Surgery. May, 2006. Presented at the "Current Concepts in Joint Replacement." Las Vegas, Nevada.
345. Jumbo Cup: The Bone Loss Alternative. May, 2006. Presented at the "Current Concepts in Joint Replacement." Las Vegas, Nevada.
346. Watson-Jones MIS Anterolateral Approach for Total Hip Replacement. August, 2006. Presented at the Rush Presbyterian- St. Luke's Medical Center "Total Hip and Total Knee Forum." Chicago, Illinois.
347. Treatment of Acetabular Defects with Jumbo Cups. August, 2006. Presented at the Rush Presbyterian- St. Luke's Medical Center "Total Hip and Total Knee Forum." Chicago, Illinois.
348. Revision for Recurrent Dislocating Total Hips. August, 2006. Presented at the Rush Presbyterian- St. Luke's Medical Center "Total Hip and Total Knee Forum." Chicago, Illinois.
349. Performing Navigation with Minimally Invasive Total Knee Replacement. September, 2006. Presented at the Surgical Orthomedics Autumn Orthopedic Summit. Ponte Vedra, Florida.
350. Live Surgery Demonstration and Lecture of Minimally Invasive Total Knee Replacement. October, 2006. Performed at the Hospital Provincial de Castellon. Castellon, Spain.

Presentations (Cont.)

351. Live Surgery Demonstration and Lecture of Minimally Invasive Total Knee Replacement. October, 2006. Performed at the Hospital Regional Universitario Carlos Haya de Malaga. Malaga, Spain.
352. Minimally Invasive Knee Surgery Live Demonstration. October, 2006. Performed at the Valais Kantonspital of Montey. Montey, Switzerland.
353. Live Surgery Demonstration and Lecture of Minimally Invasive Total Knee Replacement. October, 2006. Performed at the Kantonspital Thurgau. Munterslingen, Switzerland.
354. Modularity of Revision Femoral Components. December, 2006. Zimmer Revision Meeting. New York City, New York.
355. Ligament Balancing in Revision Total Knee Replacement using the Natural Knee II System. December, 2006. Zimmer Revision Meeting. New York City, New York.
356. Muscle Sparing Watson-Jones Anterolateral Approach for Total Hip Replacement. December, 2006. Presented at "The Zimmer Institute Course on Minimally Invasive Anterolateral Hip Replacement Surgery." Orlando, Florida.
357. Panel Discussion: Performing a Primary Total Hip Replacement. December, 2006. Presented at the "Current Concepts in Joint Replacement." Orlando, Florida.
358. Jumbo Cup: A Bone Loss Alternative. December, 2006. Presented at the "Current Concepts in Joint Replacement." Orlando, Florida.
359. Getting out Well-Fixed Total Knee Components. December, 2006. Presented at the "Current Concepts in Joint Replacement." Orlando, Florida.
360. Proximal Coated Femoral Stems in Total Hip Replacement. January, 2007. Presented at the "20th Annual Vail Orthopaedic Symposium," Vail, Colorado.
361. Minimally Invasive Watson Jones Technique for Total Hip Replacement and Results. January, 2007. Presented at the "20th Annual Vail Orthopaedic Symposium," Vail, Colorado.
362. Panel Discussion: Minimally Invasive Total Hip Replacement. January, 2007. Presented at the "20th Annual Vail Orthopaedic Symposium," Vail, Colorado.
363. Video Presentation: How I use an Anatomic Stem in Total Hip Replacement. January, 2007. Presented at the "20th Annual Vail Orthopaedic Symposium," Vail, Colorado.
364. Jumbo Cups for Complex Acetabular Cases in Revision Total Hip Replacement Surgery. January, 2007. Presented at the "20th Annual Vail Orthopaedic Symposium," Vail, Colorado.

Presentations (Cont.)

365. Recurrent Dislocations treated without Constrained Sockets. January, 2007. Presented at the "20th Annual Vail Orthopaedic Symposium," Vail, Colorado.
366. Panel Discussion: How I do a Primary and Revision Total Hip Replacement. January, 2007. Presented at the "20th Annual Vail Orthopaedic Symposium," Vail, Colorado.
367. Panel Discussion: Correction of Deformities in Total Knee Replacement Surgery. January, 2007. Presented at the "20th Annual Vail Orthopaedic Symposium," Vail, Colorado.
368. Minimally Invasive Total Knee Replacement via the Subvastus Approach. January, 2007. Presented at the "20th Annual Vail Orthopaedic Symposium," Vail, Colorado.
369. Panel Discussion: Revision Total Knee Replacement Techniques. January, 2007. Presented at the "20th Annual Vail Orthopaedic Symposium," Vail, Colorado.
370. How to Get a Stable Revision Total Knee Replacement- Balancing the Gaps. January, 2007. Presented at the "20th Annual Vail Orthopaedic Symposium," Vail, Colorado.
371. Mini-Direct Lateral Total Hip Replacement- Video Technique and Results. February, 2007. Presented at "Instructional Course Lecture: Minimally Invasive Hip Replacement- Video Techniques and Results to Date" at the American Academy of Orthopedic Surgeons Annual Meeting. San Diego, California.
372. Minimally Invasive Total Knee Replacement- A Spectrum of Approaches. February, 2007. Presented at "Instructional Course Lecture: Minimally Invasive Total Hip and Knee Replacement- Where, Now, and Where Next?" at the American Academy of Orthopedic Surgeons Annual Meeting. San Diego, California.
373. Minimally Invasive Surgery- Tips for Changing your Practice. February, 2007. Presented at "Instructional Course Lecture: Minimally Invasive Total Hip and Knee Replacement- Where, Now, and Where Next?" at the American Academy of Orthopedic Surgeons Annual Meeting. San Diego, California.
374. Revision for Acetabular Bone Loss: Use of High Hips Center and Jumbo Cups. March, 2007. Presented at the "Fourteen Annual Current Techniques in Arthroplasty." Key Largo, Florida.
375. Balancing the Revision Knee without Bony Landmarks. March, 2007. Presented at the "Fourteen Annual Current Techniques in Arthroplasty." Key Largo, Florida.

Presentations (Cont.)

376. Minimally Invasive Total Hip Replacement: Anterolateral Muscle Sparing Approach. March, 2007. Presented at the "Fourteen Annual Current Techniques in Arthroplasty." Key Largo, Florida.
377. Live Webcast Minimally Invasive Computer Assisted Total Knee Replacement Surgery. April, 2007. OR Live Webcast. Tampa, Florida.
378. Natural Knee Gender Flex Design Rationale. May, 2007. Presented at the Zimmer EFORT Side Event on "Gender Solutions in Total Knee Replacement." Florence, Italy.
379. Management of the Anatomic Differences in Female and Male Distal Femurs in Total Knee Replacement Surgery. May, 2007. Presented at the European Federation of Orthopedic Reconstruction and Traumatology Annual Meeting. Florence, Italy.
380. Minimally Invasive Total Hip Arthroplasty: Overcoming the Learning Curve. August, 2007. Presented at the Rush Presbyterian- St. Luke's Medical Center "Total Hip and Total Knee Forum." Chicago, Illinois.
381. Treatment of Recurrent Dislocations in Revision Total Hip Replacement. August, 2007. Presented at the Rush Presbyterian- St. Luke's Medical Center "Total Hip and Total Knee Forum." Chicago, Illinois.
382. Computer Assisted Minimally Invasive Total Knee Replacement- Surgical Technique. August, 2007. Presented at the Rush Presbyterian- St. Luke's Medical Center "Total Hip and Total Knee Forum." Chicago, Illinois.
383. Treatment of Infection with Two Stage Mobile Spacers. August, 2007. Presented at the Rush Presbyterian- St. Luke's Medical Center "Total Hip and Total Knee Forum." Chicago, Illinois.
384. Clinical Results with the Mini-Subvastus Approach to Total Knee Replacement. September, 2007. Presented at the ISK Institute "Sports Medicine and Total Knee & Hip Symposium." New York, New York.
385. Computer Navigation in Minimally Invasive Total Knee Replacement. September, 2007. Presented at the ISK Institute "Sports Medicine and Total Knee & Hip Symposium." New York, New York.
386. All-Polyethylene Components in the Elderly: It's not just Economics. September, 2007. Presented at the ISK Institute "Sports Medicine and Total Knee & Hip Symposium." New York, New York.
387. Performing Navigation with Minimally Invasive Total Knee Replacement. September, 2007. Presented at Presented at the Surgical Orthomedics Autumn Orthopedic Summit. Ponte Vedra, Florida.
388. Modularity of Revision Femoral Components. December, 2007. Zimmer Revision Meeting. New York City, New York.

Presentations (Cont.)

389. Ligament Balancing in Revision Total Knee Replacement using the Natural Knee II System. December, 2007. Zimmer Revision Meeting. New York City, New York.
390. Minimally Invasive Total Knee Replacement- A Spectrum of Approaches. March, 2008. Presented at "Instructional Course Lecture: Minimally Invasive Total Hip and Knee Replacement- Where, Now, and Where Next?" at the American Academy of Orthopedic Surgeons Annual Meeting. San Francisco, California.
391. Minimally Invasive Surgery- Tips for Changing your Practice. March, 2008. Presented at "Instructional Course Lecture: Minimally Invasive Total Hip and Knee Replacement- Where, Now, and Where Next?" at the American Academy of Orthopedic Surgeons Annual Meeting. San Francisco, California.
392. Minimally Invasive Total Knee Replacement via Subvastus Approach- Ideal Approach to Knee. May, 2008. Presented at the "Current Concepts in Joint Replacement." Las Vegas, Nevada.
393. Pre-Operative Planning in Revision Total Knee Replacement: Avoiding Chaos. May, 2008. Presented at the "Current Concepts in Joint Replacement." Las Vegas, Nevada.
394. Jumbo Cup for Revision Total Hip Replacement: The 95% Solution. May, 2008. Presented at the "Current Concepts in Joint Replacement." Las Vegas, Nevada.
395. The Fitmore Total Hip Stem. December 2008. Presented at the "Zimmer Institute Hip Course." Newport, Rhode Island.
396. Jumbo Cup for Revision Total Hip Replacement: The 95% Solution. December, 2008. Presented at the "Current Concepts in Joint Replacement." Orlando, Florida.
397. Pre-Operative Planning in Revision Total Knee Replacement: Avoiding Chaos. December, 2008. Presented at the "Current Concepts in Joint Replacement." Orlando, Florida.
398. Minimally Invasive Total Knee Replacement- A Spectrum of Approaches. February, 2009. Presented at "Instructional Course Lecture: Minimally Invasive Total Hip and Knee Replacement- Where, Now, and Where Next?" at the American Academy of Orthopedic Surgeons Annual Meeting. Las Vegas, Nevada.
399. Minimally Invasive Surgery- Tips for Changing your Practice. February, 2009. Presented at "Instructional Course Lecture: Minimally Invasive Total Hip and Knee Replacement- Where, Now, and Where Next?" at the American Academy of Orthopedic Surgeons Annual Meeting. Las Vegas, Nevada.

Presentations (Cont.)

400. Fitmore Stem Design Rationale. March, 2009. Presented at "Primary Hip Solutions Meeting." Orlando, Florida.
401. Knee Joint Exposure including Minimally Invasive Approaches. December, 2009. Presented at "Foundation for Orthopaedic Research Course on Surgical Approaches to the Knee and Hip." Tampa, Florida
402. Jumbo Cup for Revision Total Hip Replacement: The 95% Solution. December, 2009. Presented at the "Current Concepts in Joint Replacement." Orlando, Florida.
403. Getting out Well-Fixed Total Knee Components. December, 2009. Presented at the "Current Concepts in Joint Replacement." Orlando, Florida.
404. Minimally Invasive Anterolateral Approach for Total Hip Replacement with the Fitmore Stem. December, 2009. Presented at the "Zimmer Institute Training/Surgical Skills Course." Orlando, Florida.
405. Use of Jumbo Cups for Revision of Acetabulae with Large Bony Defects. March 2010. Presented at the American Academy of Orthopedic Surgeons Annual Meeting. New Orleans, Louisiana.
406. Minimally Invasive Total Knee Replacement- A Spectrum of Approaches. October, 2010. Presented at the Foundation for Orthopaedic Research and Education "Contemporary Surgical Skills Lab for Hip and Knee Arthroplasty." Tampa, Florida.
407. Live Surgery Demonstration of Minimally Invasive Computer Assisted Natural Knee Total Knee Replacement. October, 2010. Presented at the "Zimmer Institute Natural Knee Training Course." Tampa, Florida.
408. 25 Years of Clinical Results with the Natural Knee. October, 2010. Presented at the "Zimmer Institute Natural Knee Training Course." Tampa, Florida
409. 25 Years of Clinical Results with the Natural Knee. December, 2010. Presented at the "Zimmer Institute Knee Training Course." Orlando, Florida.
410. Natural Knee Gender/Flex Total Knee: Principles and Surgical Technique. January, 2011. Presented at the "Zimmer Institute Training/Surgical Skills Course." Miami, Florida.
411. Revision Total Hip Replacement with Large Acetabular Defects. March, 2011. Presented at the University of South Florida Department of Orthopaedics Grand Rounds. Tampa, Florida.

Presentations (Cont.)

412. 25 Years of Clinical Results with the Natural Knee. March, 2011. Presented at the "Zimmer Institute Knee Training Course." Salt Lake City, Utah.
413. Pre-Operative Planning in Revision Total Knee Replacement: Avoiding Chaos. May, 2011. Presented at the "Current Concepts in Joint Replacement." Las Vegas, Nevada.
414. Stubby Total Hip Stems: The Napoleonic Solution. May, 2011. Presented at the "Current Concepts in Joint Replacement." Las Vegas, Nevada.
415. The Importance of PreOperative Planning with the Short Fitmore Stem. August, 2011. Presented at the "Zimmer Annual Resident's Hip and Knee Course." Chicago, Illinois.
416. Computer Navigation for Total Knee Replacement. October, 2011. Presented at the Foundation for Orthopaedic Research and Education "Contemporary Surgical Skills Lab for Hip and Knee Arthroplasty." Tampa, Florida.
417. Minimally Invasive Total Knee Replacement- A Spectrum of Approaches. October, 2011. Presented at the Foundation for Orthopaedic Research and Education "Contemporary Surgical Skills Lab for Hip and Knee Arthroplasty." Tampa, Florida.
418. Stubby Stems for Total Hip Replacement Surgery. November, 2011. Presented to the Detroit Academy of Orthopedic Surgeons Grand Rounds. Detroit, Michigan.
419. Stubby Stems: The Napoleonic Solution. December, 2011. Presented at the "Current Concepts in Joint Replacement." Orlando, Florida.
420. PreOperative Planning in Revision Total Knee Replacement: Avoiding Chaos. December, 2011. Presented at the "Current Concepts in Joint Replacement." Orlando, Florida.
421. Electronic Soft Tissue Balancing: Use of Smart Trials. December, 2011. Presented at the "Current Concepts in Joint Replacement." Orlando, Florida.
422. New Technology for Balancing the Knee. January, 2012. Presented at the "International Congress for Joint Reconstruction Fourth Annual Winter Hip and Knee Course." Vail, Colorado.
423. Electronic Soft Tissue Balancing: The Use of Smart Trials. May, 2012. Presented at the "Current Concepts in Joint Replacement." Las Vegas, Nevada.
424. Stubby Stems: A Napoleonic Alternative. May, 2012. Presented at the "Current Concepts in Joint Replacement." Las Vegas, Nevada.

Presentations (Cont.)

425. The Dysplastic Hip: Not for the Shallow. May, 2012. Presented at the "Current Concepts in Joint Replacement." Las Vegas, Nevada.
426. Acetabular Revision: Shells and Augment. November, 2012. Presented at the "Zimmer Revision Joint Replacement Course." New York, New York.
427. Fundamental of Revision Total Knee Surgical Technique. November, 2012. Presented at the "Zimmer Revision Joint Replacement Course." New York, New York.
428. Dysplastic Hip: Not for the Shallow Surgeon. December, 2012. Presented at the "Current Concepts in Joint Replacement." Orlando, Florida.
429. Pre-Operative Planning: Avoiding Chaos. December, 2012. Presented at the "Current Concepts in Joint Replacement." Orlando, Florida.
430. Electronic Soft Tissue Balancing: Use of Smart Trials. December, 2012. Presented at the "Current Concepts in Joint Replacement." Orlando, Florida.
431. The Shallow Socket: Not for the Shallow Surgeon. May, 2013. Presented at the "Current Concepts in Joint Replacement." Las Vegas, Nevada.
432. Total Knee Replacement: New Techniques for Soft Tissue Balancing and Alignment. May, 2013. Presented at the "West Florida Hip and Knee Forum", Tampa, Florida.
433. Treatment of Large Acetabular Defects with Jumbo Cups. May, 2013. Presented at the "West Florida Hip and Knee Forum", Tampa, Florida.
434. Short Stems for Total Hip Replacement: Results of the First 500 Cases. May, 2013. Presented at the "Florida Orthopedic Society Annual Scientific Meeting", Key Largo, Florida.
435. TKR: Navigation gives us Better Alignment. October, 2013. Presented at the "43rd Annual Advances in Arthroplasty Harvard Course." Boston, Massachusetts.
436. TKR: Preparation of the Patella. October, 2013. Presented at the "43rd Annual Advances in Arthroplasty Harvard Course." Boston, Massachusetts.
437. 25 Years of Cementless TKR: What I have Learned. October, 2013. Presented at the "43rd Annual Advances in Arthroplasty Harvard Course." Boston, Massachusetts.
438. Acetabular Revision: Dealing with Bone Loss. December, 2013. Presented at the "Zimmer Revision Hip and Knee Master Class." New York, New York.

Presentations (Cont.)

439. Management of the Recurrent Dislocating Total Hip. December, 2013. Presented at the "Zimmer Revision Hip and Knee Master Class." New York, New York
440. Revision Total Knee Replacement: Obtaining Stability. December, 2013. Presented at the "Zimmer Revision Hip and Knee Master Class." New York, New York.
441. Osteonecrosis: It's a Arthroplasty Solution. December, 2013. Presented at "Current Concepts in Joint Replacement." Orlando, Florida.
442. Soft Tissue and Alignment Correction: The Use of Smart Trials. December, 2013. Presented at "Current Concepts in Joint Replacement." Orlando, Florida.
443. Use of Smart Trial. May, 2014. Presented at the Florida Orthopaedic Society Annual Meeting. Bonita Springs, Florida.
444. Smart Trials Assist Placement, Alignment and Balance: The Holy Trinity of TKR. May 2014. Presented at the "Current Concepts in Joint Replacement." Las Vegas, Nevada.
445. Planning Your Next Revision: Avoiding Chaos. May 2014. Presented at the "Current Concepts in Joint Replacement." Las Vegas, Nevada.
446. Posterior Stabilized Knee: No Post Required. September 2014. Presented at the "Current Concepts in Joint Replacement." Iguassu Falls, Brazil.
447. Planning your Next Revision: Avoiding Chaos. September 2014. Presented at the "Current Concepts in Joint Replacement." Iguassu Falls, Brazil.
448. The Short Stem: Emergent Solution for Primary Hip Problems. September 2014. Presented at the "Current Concepts in Joint Replacement." Iguassu Falls, Brazil.
449. Smart Trials Assist Placement, Alignment, Balance: The Trinity of TKR. September 2014. Presented at the "Current Concepts in Joint Replacement." Iguassu Falls, Brazil.
450. Surveillance of Patients with Metal on Metal: Not as Simple as you Think. October 2014. Presented at the "44th Annual Harvard Hip and Knee Arthroplasty Course." Boston, Massachusetts.
451. Results of Jumbo Cups for Total Hip Revisions. October 2014. Presented at the "44th Annual Harvard Hip and Knee Arthroplasty Course." Boston, Massachusetts.
452. Can Ultra-congruent Liners Substitute for a Posterior Stabilizer? October 2014. Presented at the "44th Annual Harvard Hip and Knee Arthroplasty Course." Boston, Massachusetts.

Presentations (Cont.)

453. Use of Smart Total Knee Trial to Assist with Balance and Alignment. November 2014. Presented at the "Vu-Medi Arthroplasty Course." San Francisco, California.
454. Bigger is not always Better: How I Use Short Stems in THR. November 2014. Presented at the "Vu-Medi Arthroplasty Course." San Francisco, California.
455. Revision Acetabular Cup Choice: Jumbo Cup. November 2014. Presented at the "Vu-Medi Arthroplasty Course." San Francisco, California.
456. Revision Total Hip Replacement: Use of Large Acetabular Components. December 2014. Presented at the "Zimmer Hip and Knee Revision Course." New York, New York.
457. Use of Large Heads versus Constrained Liners for Revision of Unstable Total Hip. December 2014. Presented at the "Zimmer Hip and Knee Revision Course." New York, New York.
458. Revision Total Knee Replacement: Indications for Segmental Systems. December 2014. Presented at the "Zimmer Hip and Knee Revision Course." New York, New York.
459. Osteonecrosis of the Hip: The Arthroplasty Solution. December, 2014. Presented at "Current Concepts in Joint Replacement." Orlando, Florida.
460. Planning your Next Revision Total Knee: Avoiding Chaos. December, 2014. Presented at "Current Concepts in Joint Replacement." Orlando, Florida.
461. Smart Trial Assist Placement, Alignment and Balance: The Trinity of TKA. December, 2014. Presented at "Current Concepts in Joint Replacement." Orlando, Florida.
462. Smart Tibial Trials in Total Knee Navigation. April 2015. Presented at "Indian Society of Hip and Knee Surgeons Annual Meeting". Mumbai, India.
463. Use of Jumbo Cups for Revision of Acetabulae with Large Bony Defects. April 2015. Presented at "Indian Society of Hip and Knee Surgeons Annual Meeting". Mumbai, India.
464. Tibial Tubercle Osteotomy Exposure for Revision Total Knee Arthroplasty. April 2015. Presented at "Indian Society of Hip and Knee Surgeons Annual Meeting". Mumbai, India.
465. Use of Smart Trials. May 2015. Presented at "The Masters Series: Techniques in Arthritis Surgery." Pasadena, California.
466. Revision Total Hip Replacement- Getting the Acetabular Component Right. May 2015. Presented at "The Masters Series: Techniques in Arthritis Surgery." Pasadena, California.

Presentations (Cont.)

467. Robotics in Knee Arthroplasty. May 2015. Presented at "The West Florida Hip and Knee Forum." Tampa, Florida.
468. Monitoring the Metallosis Patient. May 2015. Presented at "The West Florida Hip and Knee Forum." Tampa, Florida.
469. Multi-Modal Pain Management: Ensuring a Happy Patient. May 2015. Presented at the "Current Concepts in Joint Replacement." Las Vegas, Nevada.
470. The Jumbo Cup: Filling the Voids. May 2015. Presented at the "Current Concepts in Joint Replacement." Las Vegas, Nevada.
471. Effects of Alignment Change on Soft Tissue Balance. Nov 2015. VuMedi Webinar.
472. Use of Large Acetabular Components for Revision THR. Dec 2015. Presented at the Zimmer Institute "Revision Hip and Knee Masterclass." New York, New York.
473. Use of Large Heads, Constrained Liners, and Dual Mobility for Recurrent Total Hip Instability. Dec 2015. Presented at the Zimmer Institute "Revision Hip and Knee Masterclass." New York, New York.
474. Metal on Metal Hip Replacement: How should they be Monitored? Dec 2015. Presented at the Zimmer Institute "Revision Hip and Knee Masterclass." New York, New York.
475. The Short Total Hip Stem: When Less is More. Dec 2015. "Current Concepts in Joint Replacement." Orlando, Florida.
476. The Dysplastic Hip: Not for the Shallow Surgeon. Dec 2015. "Current Concepts in Joint Replacement." Orlando, Florida.
477. Smart Trial Assist Placement, Alignment, and Balance in Primary Total Knee Arthroplasty. Dec 2015.
478. Sensor Technology for Soft Tissue Balancing. Dec 2015. Presented at the University of South Florida "Department of Orthopaedics Grand Rounds." Tampa, Florida.
479. Live Surgery Demonstration: Total Knee Replacement with Use of Sensor Trial to Assist in Soft Tissue Balancing. April 2016. USC Master's Course. Los Angeles, California.
480. Adult Reconstruction Panel. Florida Orthopaedic Society Annual Meeting. May 2016. Orlando, Florida
481. Cementless Total Knee Replacement: As Older Patients become Younger. May 2016. "Current Concepts in Joint Replacement." Las Vegas, Nevada.
482. Smart Trials Assist Placement, Alignment and Balance: The Trinity of TKR. May 2016. "Current Concepts in Joint Replacement." Las Vegas, Nevada.
483. The Short Stem: An Option for all Hips. May 2016. "Current Concepts in Joint Replacement." Las Vegas, Nevada.

Presentations (Cont.)

484. Panel: What would you do- Challenges in Hip Surgery. May 2016.
"Current Concepts in Joint Replacement." Las Vegas, Nevada.
485. How Robotic Arm Assisted Surgery is Changing my Practice: Benefits of the MAKO System to your Practice. June 2016. Dinner Meeting. New York, New York.
486. TKR: What is the Ideal Post-Operative Alignment and Balance? Sept 2016.
"West Florida Hip and Knee Forum." Tampa, Florida.
487. Robotic TKR: The Next Generation. Sept 2016. "West Florida Hip and Knee Forum." Tampa, Florida.
488. 3-Year Satisfactory Results in a Multicentric Group of Sensor-Assisted TKA Patients. Oct 2016. Presented at the "2016 Annual International Society for Technology in Arthroplasty Meeting". Boston, Massachusetts.
489. Short Stems- Not just for Select Patients: Experience of over 1000 Cases. Oct 2016. Presented at the "2016 Annual International Society for Technology in Arthroplasty Meeting." Boston, Massachusetts.
490. Smart Tibial Trials in TKR: Closing the Technique Loop. Oct 2016.
Presented at the "2016 Annual International Society for Technology in Arthroplasty Meeting." Boston, Massachusetts.
491. Healthcare Economics: MAKO TKR. Nov 2016. Stryker Symposium. Dallas, Texas.
492. Acetabular Protrusion: Avoiding the Deep. Dec 2016. "Current Concepts in Joint Replacement." Orlando, Florida.
493. Assuring Soft Tissue Balance: The Use of Smart Trials. Dec 2016. "Current Concepts in Joint Replacement." Orlando, Florida.
494. Panel: The Multiply Revised Knee Arthroplasty. Dec 2016. "Current Concepts in Joint Replacement." Orlando, Florida.
462. Getting out the Well-Fixed Knee: A Seamless Solution. Dec 2016. "Current Concepts in Joint Replacement." Orlando, Florida.
463. Panel member: Integrating New Technology and Industry Focus. Feb 2017.
"MGH-Holy Cross Orthopedic Symposium." Ft. Lauderdale, Florida.
464. Panel member: Hip Preservation and Surgical Approaches. Feb 2017.
"MGH-Holy Cross Orthopedic Symposium." Ft. Lauderdale, Florida.
465. Panel member: Surgical Knee Technologies and Implant Choice. Feb 2017.
"MGH-Holy Cross Orthopedic Symposium." Ft. Lauderdale, Florida.
466. Total Knee Implant Fixation. April, 2017. "USF Orthopaedic Department Grand Rounds." Tampa, Florida.
467. Live Surgery Demonstration: Balancing a Total Knee Replacement with a Sensor Trial. April 2017. "USC Master's Meeting." Los Angeles, California.
468. Cementless Total Knee Replacement: 20 Year Experience. May 2017.
"Florida Orthopaedic Society Annual Meeting." Key Largo, Florida.

Presentations (Cont.)

469. Panelist: Complex Knee Cases. May, 2017. "Florida Orthopaedic Society Annual Meeting." Key Largo, Florida
470. Assuring Soft Tissue Balance: The Use of Smart Trial. May, 2017. "Current Concepts in Joint Replacement." Las Vegas, Nevada.
471. Panel Member: What would you do? Total Knee Replacement. May, 2017. "Current Concepts in Joint Replacement." Las Vegas, Nevada.
472. The Robotic TKR: Assuring Outcome? May, 2017. "Current Concepts in Joint Replacement." Las Vegas, Nevada.
473. Planning Your Next Revision TKA: Avoiding Chaos. Dec 2017. "Current Concepts in Joint Replacement." Orlando, Florida.
474. The Use of Smart Tibial Trials in Primary TKR: Assuring Outcome. Dec 2017. "Current Concepts in Joint Replacement." Orlando, Florida.
475. Panel member: Surgical Knee Technology and Implant Choice. Jan 2018. "Trinity/Harvard Orthopedic Symposium." Ft. Lauderdale, Florida.
476. Panel member: Revision Joint Surgery. Jan 2018. "Trinity/Harvard Orthopedic Symposium." Ft. Lauderdale, Florida.
477. Cadaver Surgery Demonstration: Robotic TKR with Sensors. Jan 2018. "Trinity/Harvard Orthopedic Symposium." Ft. Lauderdale, Florida.
478. Panel member: Clinical Pathway and Accelerated Rehab/Pain Protocols. Jan 2018. "Trinity/Harvard Orthopedic Symposium." Ft. Lauderdale, Florida.
479. Future Technology Evolutions. April 2018. Presented at the "61st Annual Edward T. Smith Orthopaedic Lectureship." Houston, Texas.
480. Moderator of Live Robotic TKA Surgery. April 2018. "61st Annual Edward T. Smith Orthopaedic Lectureship." Houston, Texas.
481. Total Knee Arthroplasty Fixation. April 2018. Presented at the "61st Annual Edward T. Smith Orthopaedic Lectureship." Houston, Texas.
482. Gap Balancing- Instrumented Trials and Implants. April 2018. Presented at the "61st Annual Edward T. Smith Orthopaedic Lectureship." Houston, Texas.
483. Debate- The Cementless Knee: The Emergent Game Changer- In Affirmative. May 2018. Presented at "Current Concepts in Joint Replacement." Las Vegas, Nevada.
484. The Use of Instrumented Tibial Trials: Improved Patient Outcomes. May 2018. Presented at "Current Concepts in Joint Replacement." Las Vegas, Nevada.
485. The Optimal Use of Stems in Revision TKR. May 2018. Presented at "Current Concepts in Joint Replacement." Las Vegas, Nevada.

Presentations (Cont.)

486. Anterior-Based Muscle Sparing THA Approach. May 2018. Presented at "Current Concepts in Joint Replacement." Las Vegas, Nevada.
487. Future Technology Revolutions. June 2018. Presented at the "Florida Orthopaedic Society Annual Scientific Meeting." St. Petersburg, Florida.
488. Implant Realignment: An Alternative to Ligamentous Release in TKR Balancing. October, 2018. Presented at the "International Society for Technology in Arthroplasty." London, England.
489. Robotic Total Knee Arthroplasty with a Semi-Active Haptic Guided Technique is Safe and Reliable. October, 2018. Presented at the "International Society for Technology in Arthroplasty." London, England.
490. A Unique Cardiac Screening Program to Reduce Readmissions in Risk Bundled Total Hip and Knee Replacement Patients. October, 2018. Presented at the "International Society for Technology in Arthroplasty." London, England.
491. Debate- Simulation Training: This is the Future. In Affirmation. December 2018. Presented at "Current Concepts in Joint Replacement. Orlando, Florida.
492. Acetabular Protrusion: A Problem of Depth. December 2018. Presented at "Current Concepts in Joint Replacement. Orlando, Florida.
493. Balancing the Knee: The Use of Smart Trial. December 2018. Presented at "Current Concepts in Joint Replacement. Orlando, Florida.
494. Management of the Fixed Varus Knee. January 2019. Presented at "Trinity/Harvard Orthopedic Symposium." Ft. Lauderdale, Florida.
495. Panel- Surgical Knee Case Presentation. January 2019. Presented at "Trinity/Harvard Orthopedic Symposium." Ft. Lauderdale, Florida.
496. The Tampa Experience with Joint Bundles. January 2019. Presented at "Trinity/Harvard Orthopedic Symposium." Ft. Lauderdale, Florida.
497. Debate: The Cementless Tibia- Emergent Game Changer. In Affirmation. May 2019. "Current Concepts in Joint Replacement." Cleveland, Ohio.
498. Debate: Simulation Training- This is the Future. In Affirmation. May 2019. "Current Concepts in Joint Replacement." Cleveland, Ohio.
499. The Short Stem: An Option for all Hips. May 2019. "Current Concepts in Joint Replacement." Cleveland, Ohio.
500. Achieving Soft Tissue Balance: The Use of Smart Trials. May 2019. "Current Concepts in Joint Replacement." Cleveland, Ohio.
501. Component Realignment for Total Knee Soft Tissue Balancing Facilitated by Robotics. June, 2019. Presented at the "Florida Orthopaedic Society-Annual Meeting. Orlando, Florida.

Presentations (Cont.)

502. Physician Managed Payment Bundles: How Much does it Really Benefit the Physician? Sept 2019. Presented at the "Closed Meeting of the Knee Society" meeting. Cape Neddick, Maine.
502. Unique Cardiac Screening Program to Reduce Readmissions in Risk Bundled Total Hip and Knee Replacement. Oct 2019. Presented at the "International Society for Technology in Arthroplasty." Toronto, Canada.
503. How Safe and Reliable is Robotic Total Knee Arthroplasty with a Semi-Active Haptic Guided Technique? Oct 2019. Presented at the "International Society for Technology in Arthroplasty." Toronto, Canada.
504. Do Posterior Osteophytes Matter? Effect of Posterior Osteophytes in Robotic-Assessed Gaps between Pose-Capture and Trialing. Oct 2019. Presented at the "International Society for Technology in Arthroplasty." Toronto, Canada.
505. Implant Realignment: An Alternative to Ligament Release in TKR Balancing. Oct 2019. Presented at the "International Society for Technology in Arthroplasty." Toronto, Canada.
506. Prevalence and Severity of Coronary Artery Disease in Elective Total Joint Arthroplasty in Patients >65 years old with Use of CCTA. Oct 2019. Presented at the "International Society for Technology in Arthroplasty." Toronto, Canada.
507. Total Knee Balance via Component Realignment- Predicting who will Still Need a Soft Tissue Release. Oct 2019. Presented at the "International Society for Technology in Arthroplasty." Toronto, Canada.
508. The Paradigms of Surgeon Training: See One, Do One, Teach One? Dec. 2019. Presented at the "Current Concepts in Joint Replacement." Orlando, Florida.
509. Performing a Primary Total Knee Replacement: A Day in the Life. Dec. 2019. Presented at the "Current Concepts in Joint Replacement." Orlando, Florida.
510. Smart Trials: Taking Soft Tissue Balancing from an Art to a Science. Dec. 2019. Presented at the "Current Concepts in Joint Replacement." Orlando, Florida.
511. Fixed Varus- My New Approach with the Robot. Jan. 2020. Presented at the "Technology and Innovation in Orthopedics Symposium." Ft. Lauderdale, Florida.
512. 2-Year Results With Robotic-assisted Total Knee Replacement: Comparison To A Non-Robotic Assisted Group. February, 2020. Presented at the "Orthopedic Research Society" annual meeting. Phoenix, Arizona.

Presentations (Cont.)

513. The Cementless Tibia: Emergent Game Changer. May, 2020. "Current Concepts in Joint Replacement- Online Live Meeting."
514. Acetabular Protrusion: A Problem in Depth. May, 2020. "Current Concepts in Joint Replacement- Online Live Meeting."
515. 2-Year Results with Robotic-Arm Assisted Total Knee Replacement: Comparison to a Non-Robotic Assisted Group. September, 2020. "Annual Closed Meeting of the Knee Society- Online Live Meeting."
516. Verasense™- What is It and How do you Use It? Dec, 2020. "Current Concepts in Joint Replacement- Industry InSite- Online Live Meeting."
517. Component Realignment versus Soft Tissue Releases for Total Knee Balancing. May, 2021. Presented at the "Florida Orthopaedic Society Annual Meeting." Tampa, Florida.
518. Effect of Posterior Osteophytes on Total Knee Arthroplasty Coronal Soft Tissue Balance- Do They Matter. September 2021. Presented at the "Annual Closed Meeting of the Knee Society." Napa, California
519. Fixed Varus- My New Approach with the Robot. January 2022. Presented at the "6th Annual Winter Technology and Innovation in Orthopedics Symposium." Ft. Lauderdale, Florida.
520. Metal-backed Patella Implants in Knee Arthroplasty: Can the Past Predict the Future? September 2022. Presented at the "Annual Closed Meeting of the Knee Society. Park City, Utah.
521. Fixed Varus- My New Approach. January 2023. Presented at the "7th Annual Winter Technology and Innovation in Orthopedics Symposium." Ft. Lauderdale, Florida.
522. A Restricted Functional Balancing Technique for Total Knee Replacement with a Varus Deformity: Does a Soft Tissue Release Result in a Worse Outcome? September 2023. Presented at the "Annual Closed Meeting of the Knee Society. Monterey, California.
523. Balancing the Knee through Bone Adjustments. January 2024. Presented at the "7th Annual Winter Technology and Innovation in Orthopedics Symposium." Ft. Lauderdale, Florida.

Course Chairman: National Scientific Meetings

1. "Current Trends in Orthopedics" Course. March, 1984. Clearwater, Florida.
2. "Current Trends in Orthopedics" Course. March, 1985. Clearwater, Florida.
3. "Cementless/Press Fit Acetabular and Femoral Reconstruction" Course. October, 1985. Tampa, Florida.
4. "Current Trends in Orthopedics" Course. March, 1986. Clearwater, Florida.
5. "Total Knee and Total Hip Arthroplasty: A Progressive Symposium." March, 1987. Orlando, Florida.
6. "Midas Rex Psychomotor Skills Conference: Modern Dissection Techniques of Bone, Biometals and Bioplastics." April, 1987. Clearwater Beach, Florida.
7. "Current Trends in Orthopedics" Course. March, 1987. Clearwater, Florida.
8. "Total Hip Replacement: Technique and Technology." October, 1987. Tarpon Springs, Florida.
9. "Current Trends in Orthopedics" Course. March, 1988. Clearwater, Florida.
10. "Midas Rex Psychomotor Skills Conference: Modern Dissection Techniques of Bone, Biometals and Bioplastics." March, 1988. Clearwater Beach, Florida.
11. "Midas Rex Psychomotor Skills Conference: Modern Dissection Techniques of Bone, Biometals and Bioplastics." March, 1989. Clearwater Beach, Florida.
12. "Midas Rex Psychomotor Skills Conference: Modern Dissection Techniques of Bone, Biometals and Bioplastics." March, 1990. Clearwater Beach, Florida.
13. "Midas Rex Psychomotor Skills Conference: Modern Dissection Techniques of Bone, Biometals and Bioplastics." March, 1991. Clearwater Beach, Florida.
14. "Interactive Live Surgery Broadcast" Symposium. November, 1996. Tampa, Florida. "Current Techniques in Arthroplasty" Course. June, 1997. Nevis, Caribbean West Indies.
15. "Total Joint Arthroplasty Primary and Revision Surgical Technique: An Interactive Video Symposium." November, 1997. Tampa, Florida. "1998 Hip, Knee and Shoulder Symposium." (Co-Chairman). February, 1998. Park City, Utah.

Course Chairman: National Scientific Meetings (Cont'd)

16. "Current Techniques in Arthroplasty" Course. June, 1998. Key Largo, Florida.
17. "Interactive Live Surgery Broadcast" Symposium. November, 1998. Tampa, Florida.
18. "1999 Hip, Knee and Shoulder Symposium." (Co-Chairman). March, 1999. Park City, Utah.
19. "Current Techniques in Arthroplasty" Course. June, 1999. Key Largo, Florida.
20. "Total Joint Arthroplasty: Revision Surgical Technique- An Interactive Live Surgery Symposium." February, 2000. Tampa, Florida.
21. "2000 Hip, Knee and Shoulder Symposium." (Co-Chairman). March, 2000. Park City, Utah.
22. "Total Joint Arthroplasty: An Interactive Live Surgery Broadcast and Symposium." (Co-Chairman). March, 2000. Kissimmee, Florida.
23. "Current Techniques in Arthroplasty" Course. June, 2000. Key Largo, Florida.
24. "Excellence in Revision: Contemporary Treatment of Revision Hip Arthroplasty." (Co-Chairman). December, 2000. New York, New York.
25. "The 2001 Hip, Knee, and Shoulder Symposium." (Co-Chairman). March, 2001. Salt Lake City, Utah
26. "Current Techniques in Arthroplasty" Course. June, 2001. Key Largo, Florida.
27. "The 2002 Hip, Knee, and Shoulder Symposium: New Opportunities and New Challenges." (Co-Chairman). March, 2002. Salt Lake City, Utah
28. "Current Techniques in Arthroplasty" Course. June, 2002. Key Largo, Florida.
29. "Natural Knee Meeting." (Co-Chairman). August 2002. San Diego, California.
30. "The 2003 Hip, Knee, and Shoulder Symposium." (Co-Chairman). March, 2003. Salt Lake City, Utah.
31. "Current Techniques in Arthroplasty" Course. May, 2003. Key Largo, Florida.
32. "The 20th Annual Hip, Knee, and Shoulder Symposium." (Co-Chairman). February, 2004. Salt Lake City, Utah
33. "Current Techniques in Arthroplasty" Course. June, 2004. Key Largo, Florida
34. "Current Techniques in Arthroplasty" Course. May, 2005. Key Largo, Florida.

Course Chairman: National Scientific Meetings (Cont'd)

35. "Current Techniques in Arthroplasty" Course. April, 2006. Key Largo, Florida.
36. "Current Techniques in Arthroplasty" Course. April, 2007. Key Largo, Florida.
37. "Zimmer Institute Natural Knee Training Course." October, 2010. Tampa, Florida

2004-

Total CME Credits: 125.25

1. Florida Physician Update: HIV/ AIDS, Domestic Violence, Palliative Care and Medical Errors. Informed Internet Course. January 12, 2004. 5 Hours.
2. 18th Annual Vail Orthopaedic Symposium 2004: Total Hip and Knee. Vail, Colorado. January 25-30, 2004. 25.5 Hours.
3. 20th Annual Hip, Knee and Shoulder Symposium. Park City, Utah. February 18-21, 2004. 14 Hours.
4. Emerging Techniques and Technologies in Hip and Knee Arthroplasty. Atlanta, Georgia. April 2-3, 2004. 11 Hours.
5. Current Concepts in Joint Replacement. Las Vegas, Nevada. May 24-26, 2004. 24.75 Hours.
6. Current Techniques in Arthroplasty. Key Largo, Florida. June 24-26, 2004. 11 Hours.
7. American Association of Hip and Knee Surgeons Annual Meeting. Dallas, Texas. November 5-7, 2004. 13 Hours.
8. Current Concepts in Joint Replacement. Orlando, Florida. December 8-11, 2004. 21 Hours.

2005-

Total CME Credits: 129

1. 19th Annual Vail Orthopaedic Symposium: Total Hip and Knee. Vail, Colorado. January 23-28, 2005. 24 Hours.
2. 71th American Academy of Orthopedic Surgeons Annual Meeting. Washington, D.C. February 22-25, 2005. 20 Hours.
3. American Association of Hip and Knee Surgeons Specialty Day. Washington, D.C. February 26, 2005. 8 Hours.
4. 21st Annual Hip, Knee and Shoulder Symposium." Salt Lake City, Utah. March 17-19,2005. 17.5 Hours.
5. Masters Series: Techniques in Arthritis Surgery. Pasadena, California. April 28-30, 2005. 22.5 Hours
6. Current Techniques in Arthroplasty. Key Largo, Florida. May 12-14, 2005. 11 Hours.
7. Informed Internet Course: HIV/ AIDS, Domestic Violence, Palliative Care, and Medical Error Course. July 14, 2005. 5 Hours.
8. Current Concepts in Joint Replacement. Orlando, Florida. December , 2005. 21 Hours

CME Courses (Cont.)

2006- Total CME Credits: 105.15

1. 20th Annual Vail Orthopaedic Symposium: Total Hip and Knee. Vail, Colorado. January 20-22, 2006. 18 Hours.
2. 71th American Academy of Orthopedic Surgeons Annual Meeting. Chicago, Illinois. March 22-24, 2006. 20 Hours.
3. American Association of Hip and Knee Surgeons Specialty Day. Chicago, Illinois. March 25, 2006. 8 Hours.
4. Current Techniques in Arthroplasty. Key Largo, Florida. April 6-8, 2006. 11 Hours.
5. Current Concepts in Joint Replacement. Las Vegas, Nevada. May 22-24, 2006. 13 Hours.
6. American Association of Hip and Knee Surgeons Annual Meeting. Dallas, Texas. November 4-5, 2006. 13 Hours.
7. Current Concepts in Joint Replacement. Orlando, Florida. December 14-16, 2006. 22.15 Hours.

2007- Total CME Credits: 88.25

1. 21st Annual Vail Orthopaedic Symposium: Total Hip and Knee. Vail, Colorado. January 21-26, 2007. 20 Hours.
2. 72th American Academy of Orthopedic Surgeons Annual Meeting. San Diego, California. February 14-17, 2007. 20 Hours.
3. American Association of Hip and Knee Surgeons Specialty Day. San Diego, California. February 18, 2007. 8 Hours.
4. Current Techniques in Arthroplasty. Key Largo, Florida. March 29-31, 2007. 11 Hours.
5. ISK Institute Sports Medicine and Total Knee & Hip Symposium. New York, New York. September 15, 2007. 9 Hours.
6. Current Concepts in Joint Replacement. Orlando, Florida. December 13-15, 2007. 18.25 Hours.

2008- Total CME Credits: 68.25

1. American Academy of Orthopedic Surgeons Annual Meeting. San Francisco, California. March 5-7, 2008. 20 Hours.
2. Combined Knee and Hip Society Meeting, San Francisco, California. March 8, 2008. 8 Hours.
3. Informed Internet Course: Medical Error Course. December 31, 2007. 2 Hours.
4. Current Concepts in Joint Replacement. Las Vegas, Nevada. May 18-21, 2008. 15 Hours.

CME Courses (Cont.)

4. American Association of Hip and Knee Surgeons Annual Meeting. Dallas, Texas. November 7-11, 2008. 13 Hours.
5. Current Concepts in Joint Replacement. Orlando, Florida. December 11-12, 2008. 12.25 Hours.

2009-

Total CME Credits: 72

1. American Academy of Orthopedic Surgeons Annual Meeting. Las Vegas, Nevada. February 25-27, 2009. 19 Hours.
2. Combined Knee and Hip Society Meeting. Las Vegas, Nevada. February 28, 2009. 7.5 Hours.
3. Fellow's Day. Tampa, Florida. June 27, 2009. 7 Hours.
4. American Association of Hip and Knee Surgeons Annual Meeting. Dallas, Texas. November 6-8, 2009. 14.75 Hours.
5. Current Concepts in Joint Replacement. Orlando, Florida. December 10-12, 2009. 21.75 Hours.
6. Informed Internet Course: Medical Errors. December 19, 2009. 2 Hours.

2010-

Total CME Credits: 55.25

1. American Academy of Orthopedic Surgeons Annual Meeting. New Orleans, Louisiana. March, 10-12, 2010. 20 Hours.
2. Combined Knee and Hip Society Meeting. New Orleans, Louisiana. March, 13, 2010. 7.5 Hours.
3. Fellow's Day. Tampa, Florida. June 19, 2010. 8 Hours.
4. Foundation for Orthopaedic Research and Education Contemporary Surgical Skills Lab for Hip and Knee Arthroplasty. Tampa, Florida. October 2, 2010. 4 Hours.
5. University of South Florida Universal Protocol Course. Tampa, Florida. October 28, 2010. 1 Hour
6. American Association of Hip and Knee Surgeons Annual Meeting. Dallas, Texas. November 5-7, 2010. 14.75 Hours.

2011-

Total CME Credits: 86.5

1. American Academy of Orthopedic Surgeons Annual Meeting. San Diego, California. February 15-19, 2011. 20 Hours.
2. Combined Knee and Hip Society Meeting. San Diego, California. February 19, 2011. 7.5 Hours.
3. Current Concepts in Joint Replacement. Las Vegas, Nevada. May 22-25, 2011. 15 Hours.

CME Courses (Cont.)

4. Fellow's Day. Tampa, Florida. June 24, 2011. 5 Hours.
5. Foundation for Orthopaedic Research and Education Contemporary Surgical Skills Lab for Hip and Knee Arthroplasty. Tampa, Florida. October 8, 2011. 4 Hours.
6. American Association of Hip and Knee Surgeons Annual Meeting. Dallas, Texas. November 4-6, 2011. 14.75 Hours
7. Current Concepts in Joint Replacement. Orlando, Florida. December 8-10, 2011. 20.25 Hours.

2012-

Total CME Credits: 100.5

1. International Congress for Joint Reconstruction Fourth Annual Winter Hip and Knee Course. Vail, Colorado. January 12-14, 2012. 12 Hours.
2. American Academy of Orthopedic Surgeons Annual Meeting. San Francisco, California. February 7-10, 2012. 20 Hours.
3. Combined Knee and Hip Society Meeting. San Francisco, California. February 11, 2012. 7.5 Hours.
3. Informed: Medical Errors, Domestic Violence, Self Directed Learning. February 13, 2012. 5 Hours.
4. Current Concepts in Joint Replacement. Las Vegas, Nevada. May 21-23, 2012. 12.75 Hours.
6. Fellow's Day. Tampa, Florida. June 15, 2012. 5 Hours.
7. Foundation for Orthopaedic Research and Education Contemporary Surgical Skills Lab for Hip and Knee Arthroplasty. Tampa, Florida. October . 4 Hours.
8. American Association of Hip and Knee Surgeons Annual Meeting. Dallas, Texas. November 2-4, 2012. 14 Hours.
9. Current Concepts in Joint Replacement. Orlando, Florida. December 13-15, 2012. 20.25 Hours.

2013-

Total CME Credits: 111.75

1. American Academy of Orthopedic Surgeons Annual Meeting. Chicago, Illinois. March 19-23, 2013. 15 Hours.
2. Combined Knee and Hip Society Meeting. San Francisco, California. February 11, 2012. 7 Hours.
3. West Florida Hip and Knee Forum. Tampa, Florida. May 10, 2013. 8 Hours.
4. Current Concepts in Joint Replacement. Las Vegas, Nevada. May 21-23, 2012. 12.75 Hours.
5. Florida Orthopedic Society Annual Scientific Meeting. Key Largo, Florida. May 30- June 2, 2013. 9 Hours.

CME Courses (Cont.)

6. Fellow's Day. Tampa, Florida. June 15, 2012. 5 Hours.
7. 43rd Annual Harvard Advances in Arthroplasty Course. Boston, Massachusetts. October 23-25. 21 hours.
8. American Association of Hip and Knee Surgeons Annual Meeting. Dallas, Texas. November 8-10, 2013. 15 Hours.
9. Current Concepts in Joint Replacement. Orlando, Florida. December 12-14, 2013. 19 Hours.

2014-

Total CME Credits: 146

1. American Academy of Orthopedic Surgeons Annual Meeting. New Orleans, Louisiana. March 11-14. 15 Hours.
2. Combined Knee and Hip Society Meeting. New Orleans, Louisiana. March 15, 2014. 7.75 Hours.
3. Florida Orthopaedic Society Annual Meeting. Bonita Springs, Florida. May 16-17, 2014. 15 Hours.
4. Current Concepts in Joint Replacement. Las Vegas, Nevada. May 19-21, 2014. 13.5 Hours.
5. Fellow's Day. Tampa, Florida. June 6, 2014. 5 Hours.
6. 44th Annual Harvard Hip and Knee Arthroplasty Course. Boston, Massachusetts. October 7-10, 2014. 35.75 Hours.
7. American Association of Hip and Knee Surgeons Annual Meeting. Dallas, Texas. November 7-9, 2014. 17 Hours.
8. Vu-Medi Arthroplasty Course. San Francisco, California. November 21-23, 2014. 18 Hours
9. Current Concepts in Joint Replacement. Orlando, Florida. December 11-13, 2014. 19 Hours.

2015-

Total CME Credits: 78.75

1. American Academy of Orthopedic Surgeons Annual Meeting. Las Vegas, Nevada. March 26-27. 14 Hours.
2. Combined Knee and Hip Society Meeting. Las Vegas, Nevada. March 28, 2015. 6.75 Hours.
3. The Masters Series: Techniques in Arthritis Surgery. Pasadena, California. April 30-May2, 2015. 9.75 Hours.
4. Current Concepts in Joint Replacement. Las Vegas, Nevada. May 18-20, 2015. 6 Hours.
5. FORE Orthopaedic Research Day. Tampa, Florida. June 5, 2015. 6 Hours.

CME Courses (Cont.)

6. American Association of Hip and Knee Surgeons Annual Meeting. Dallas, Texas. November 6-8, 2015. 18.5 Hours.
7. Current Concepts in Joint Replacement. Orlando, Florida. December 10-12, 2015. 21.75 Hours.
8. Informed: Evidence-Based Guidance on Improving Patient Safety and Reducing Medical Errors. December 2015. 2 Hours.

2016-

Total CME Credits: 112.75

1. American Academy of Orthopedic Surgeons Annual Meeting. Orlando, Florida. Feb 29 – March 4, 2016. 15 Hours.
2. Combined Knee and Hip Society Meeting. Orlando, Florida. March 5, 2016. 7.75 Hours.
3. Florida Orthopedic Society. Orlando, Florida. May 19-22, 2016. 17.5 Hours.
4. Current Concepts in Joint Replacement. Las Vegas, Nevada. May 22-25, 2016. 11.5 Hours.
5. FORE Orthopaedic Research Day. Tampa, Florida. June 2016. 6 Hours.
6. American Association of Hip and Knee Surgeons Annual Meeting. Dallas, Texas. November 2-5, 2016. 18 Hours.
7. Current Concepts in Joint Replacement. Orlando, Florida. December 15-17, 2016. 19 Hours.
8. Adult Reconstruction Fellows Conferences. Tampa, Florida. Jan-Dec 2016. 31.5 Hours.
9. USF/FOI Grand Rounds. Tampa, Florida. Jan-Dec 2016. 4 Hours.

2017-

Total CME Credits: 88.75

1. American Academy of Orthopedic Surgeons Annual Meeting. San Diego, California. March 13-17, 2017. 14.5 Hours.
2. Combined Knee and Hip Society Meeting. San Diego, California. March 18, 2017. 7.5 Hours.
3. Florida Orthopedic Society Annual Meeting. Key Largo, Florida. May 19-20, 2017. 12 Hours.
4. Current Concepts in Joint Replacement. Las Vegas, Nevada. May 21-24, 2017. 14 Hours.
5. American Association of Hip. and Knee Surgeons Annual Meeting. Dallas, Texas. November 10-13, 2017. 18 Hours.
6. Current Concepts in Joint Replacement. Orlando, Florida. December 14-16, 2017. 20.75 Hours.
7. Medical Error Prevention and Root Cause Analysis . December 2017. 2 Hours.

CME Courses (Cont.)

2018-

Total CME Credits: 112.5

1. 2018 Annual Orthopedic Symposium. Fort Lauderdale, Florida. January 19-20, 2018. 8 Hours.
2. American Academy of Orthopedic Surgeons Annual Meeting. New Orleans, Louisiana. March 6-9, 2018. 14 Hours.
2. Combined Knee and Hip Society Meeting. New Orleans, Louisiana. March 10, 2018. 7.5 Hours.
3. Joint Arthroplasty: Future Solutions for Present Day Problems. Houston, Texas. April 13-14, 2018. 11.75 Hours.
4. Current Concepts in Joint Replacement. Las Vegas, Nevada. May 21-23, 2018. 15.25 Hours.
5. Florida Orthopedic Society Annual Meeting. St. Petersburg, Florida. June 23-24, 2018. 16 Hours.
6. Controlled Substance Prescribing for MD/DO Prescribers. FMA Accreditation Program. August, 1, 2018. 2 Hours.
7. American Association of Hip. and Knee Surgeons Annual Meeting. Dallas, Texas. November 2-4, 2018. 18 Hours.
8. Current Concepts in Joint Replacement. Orlando, Florida. December 13-15, 2018. 20 Hours.

2019-

Total CME Credits: 144

1. 4th Annual Technical & Innovation Orthopedic Symposium. Ft. Lauderdale, Florida. January 25-26, 2019. 10 Hours.
2. American Academy of Orthopedic Surgeons Annual Meeting. Las Vegas, Nevada. March 13-15, 2019. 14 Hours.
3. Combined Knee and Hip Society Meeting. Las Vegas, Nevada. March 16, 2019. 7.5 Hours.
4. Current Concepts in Joint Replacement. Cleveland, Ohio. May 9-11, 2019. 12 Hours.
5. Florida Orthopedic Society Annual Meeting. Orlando, Florida. June 21-22, 2019. 8.5 Hours.
6. American Association of Hip. and Knee Surgeons Annual Meeting. Dallas, Texas. November 8-10, 2019. 18 Hours.
7. Current Concepts in Joint Replacement. Orlando, Florida. December 12-14, 2019. 21.5 Hours.
8. RSS- Weekly Adult Reconstruction Conferences. Tampa, Florida. January 14-December 19, 2019. 52.5 Hours.

CME Courses (Cont.)

2020-

Total CME Credits: 23.25

1. Current Concepts in Joint Replacement- Live Online. May 18-20, 2020. 6 Hours.
2. American Association of Hip. and Knee Surgeons Virtual Annual Meeting. Dallas, Texas. November 5-8, 2020. 16.25 Hours.
2. Human Trafficking. 12/19/2020. 1 Hour.

2021-

Total CME Credits: 53.5

1. Florida Orthopaedic Society Annual Meeting. Tampa, Florida. May 13-16, 2021. 13.5 Hours.
2. American Association of Hip and Knee Surgeons Annual Meeting. Dallas, Texas. November 12-8, 2021. 18 Hours
3. Current Concepts in Joint Replacement. Orlando, Florida. December 8-11, 2021. 15 Hours.
4. Informed Florida Medical Licensure Program: Opioid Analgesics in the Management of Acute & Chronic Pain. 3 Hours.
5. Informed Florida Medical Licensure Program: Medical Errors and Physician Burnout. 2 Hours.
6. Informed Florida Medical Licensure Program: Intimate Partner Violence: Effective Assessment, Compassionate Care. 2 Hours

2022-

Total CME Credits: 43

1. 6th Annual Winter Technology and Innovation in Orthopedics Symposium." Ft. Lauderdale, Florida. January 2022. 10 Hours.
2. American Association of Hip and Knee Surgeons Annual Meeting. Dallas, Texas. November 4-6, 2022. 18 Hours
3. Current Concepts in Joint Replacement. Orlando, Florida. December 8-11, 2022. 15 Hours.

2023-

Total CME Credits: 35.5

1. 7th Annual Winter Technology and Innovation in Orthopedics Symposium." Ft. Lauderdale, Florida. January 28, 2023. 5 Hours.
2. American Association of Hip and Knee Surgeons Annual Meeting. Dallas, Texas. November 5, 2023. 13 Hours
3. Current Concepts in Joint Replacement. Orlando, Florida. December 16, 2022. 13.5 Hours.
4. Medical Error Prevention and Root Cause Analysis. December 2023. 2 Hours.
5. Strategies for Appropriate Opioid Prescribing: The Florida Requirement. December 2023. 2 Hours.

CME Courses (Cont.)

2024-

Total CME Credits:

1. 8th Annual Winter Technology and Innovation in Orthopedics Symposium." Ft. Lauderdale, Florida. January 2023. Hours.