

March, 2010

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Steven T. Lyons M.D.

## **Steven Thomas Lyons, M.D.**

**Clinical Assistant Professor – USF Dept of Orthopaedics / College of Medicine**  
**Active Member of American Academy of Orthopaedic Surgeons**  
**Active Member of American Association of Hip and Knee Surgeons**

**Current Practice:** Florida Orthopaedic Institute  
**Staff Orthopaedic Surgeon;** August 1998 – present  
**Co-Director of Adult Reconstruction Fellowship**

7171 N Dale Mabry, Suite 502  
Tampa, Florida, 33614

13020 N Telecom Parkway  
Temple Terrace, Florida 33637

**Business Phone:** (813) 978-9700

**Specialty:** Specialty Board Certified in Orthopaedic Surgery:  
Total Joint Arthroplasty  
Specializing in Hip and Knee Replacements

### **Actively Using and / or Assisting in Development of the Latest Technologies:**

Revision Total Hip Arthroplasty  
Revision Total Knee Arthroplasty  
Complex Revision /Conversion Procedures  
Articulating Spacers for Treatment of the Infected Total Hip or Knee  
Custom Implants  
Mini-Incision Total Hip Arthroplasty  
Mini-Incision Total Knee Arthroplasty (Co-Designer of Instrumentation)  
Computer Assisted Total Knee Arthroplasty  
Unispacer Implantation  
Unicompartmental Knee Arthroplasty  
Gender Solutions / High Flex Total Knee Arthroplasty “Gender Knee”  
Metal on Metal (MOM)  
Highly Cross-linked Polyethylenes

Next Generation High Tech Ceramics  
Hip Resurfacing  
Surgical Coagulation Technology for Bloodless Surgery  
MAKO Robotic Unicompartmental Replacements

## **Education**

### ***Baccalaureate Degree:***

September, 1985 - June 1989  
Loyola University of Chicago  
6525 N. Sheridan Rd.  
Chicago, Illinois, 60626  
(773) 274-3000

B.S. Degree with Distinction; Biology

**Graduated with Honors: Cum Laude**

### ***Graduate Degree:***

September, 1989 - June, 1993  
Rush University School of Medicine  
600 S. Paulina St.  
Chicago, Illinois, 60612  
(312) 942-5681

**Alpha Omega Alpha – Medical Honor Society**

### ***General Surgery Internship:***

July, 1993 - June, 1994  
Wayne State University  
Dept. Surg. 6-C University Health Center  
4201 St. Antoine  
Detroit, Michigan, 48201  
(313) 966-0515

### ***Orthopaedic Surgery Residency:***

July, 1994 - June, 1998  
Wayne State University  
4707 St. Antoine  
Detroit, Michigan, 48201  
(313) 993-2824

**Served as Chief Administrative Resident 1997 – 1998**

***Total Joint Fellowship with Aaron A. Hofmann, M.D.***

July, 1998 - August, 1999

University of Utah

50 N. Medical Dr. Rm 3-B165

Salt Lake City, Utah, 84132

(801) 581-3713

Appointed to Faculty as Limited Term Instructor

Staff Surgeon at VA Medical Center

**Board Certifications:**

Diplomate of the National Board of Medical Examiners (N.B.M.E.) – Passed, 1993

American Board of Orthopaedic Surgery (A.B.O.S.) Certified:

Passed Part I, written, July 1998

Passed Part II, oral, July 2002

**Licensure:**

State of Michigan License, #4301061873 since 9/96; not current

State of Utah License, #98-353342-1205 since 3/98; not current

State of Florida License, #ME78526 since 7/99

**Scholastic Honors:**

Winner of the Richard L Lamont, M.D. Resident Award for Excellence in Pediatric

Orthopaedics 1997 -1998, Awarded by Orthopaedic Surgery Staff of Wayne State

Elected by Orthopaedic Staff to be Chief Administrative Resident 1997 -1998

Recipient of McGaw Scholarship, 1990 - 1993, Rush Medical School

Awarded the Rush University Dean's Student Summer Research Fellowship, 1993

Recipient of Loyola University Academic Honorary Scholarship, 1986 - 1989

Academic Dean's List 7/8 Semesters at Loyola University of Chicago

**Scholastic Honor Societies:**

Member Elect to Alpha Omega Alpha Honor Society, 1993, Rush Medical School

Alpha Epsilon Delta, Pre-Medical Honor Society, 1986 - 1989

Beta Beta Beta, Biological Honor Society, 1986 - 1989

Blue Key National Honor Society, 1987 - 1989

Alpha Sigma Nu, Jesuit Honor Society, 1987 – 1998

**Practice Honors**

Chosen as Lifetime Member in Strathmore's Who's Who in Orthopaedic Surgery. 2003-2010

Voted as one of America's Top Doctors by *Castle Connolly Medical LTD.* 2006-2010

Who's Who Among Executives and Professionals by *Biltmore Who's Who Honors.* 2008-2010.

Selected as one of “**America’s Top Orthopedists**” by Consumers Research Council of America. 2005 – 2010.

Awarded **Patients’ Choice Recognition**; Rated and Awarded by Patients. 2009, 2010

### **Administrative Experience:**

Elected Chief Administrative Resident by Orthopaedic Staff, July 1997 - June 1998,

Responsible for 27 Orthopaedic Residents

Chosen to Serve on Resident Selection Committee by Orthopaedic Staff, 1997 - 1998

Member of Accreditation Council for Graduate Medical Education Institutional Review, 1997 - 1998

Chosen by Orthopaedic Staff to Serve on Orthopaedic Research Committee, 1997 – 1998

Florida Orthopaedic Society – Board of Directors, 2009 - Present

### **Membership in Professional Societies:**

American Association of Hip and Knee Surgeons (AAHKS), 2008 - Present

Florida Orthopaedic Society 2002 – present

*Florida Orthopaedic Society Board Member, Member at Large, 2009 - Present*

American Academy of Orthopaedic Surgeons, 2002- present

Resident Member of American Academy of Orthopaedic Surgeons, 1994 - 2001

American Medical Association, 1993 - 1996

Chicago Medical Society, 1990 - 1993

Illinois State Medical Society, 1990 -1993

American Medical Student Association, 1990 - 1993

### **Teaching Responsibilities:**

“Bridge Course” Orthopaedics Instructor, Wayne State University School of Medicine, July, 1993 - 1998, Instructing 200 - 250 Medical Students Per Year.

Resident Surgical Instruction as Staff Surgeon at VA Medical Center, Salt Lake City, UT.

Co-Director of Fellowship Program with K. Gustke and T. Bernasek in Total Joint Arthroplasty at The Florida Orthopaedic Institute in Tampa, Teaching 3 – 4 Fellows per Year Primary and Revision Hip and Knee Replacement.

Resident Instruction at USF: Surgical Instruction and Theory Pertaining to Primary and Revision TKA and THA, both Standard and Complex.

### **Course Participant:**

Unispacer Training Course. Sulzer Orthopaedics, Vail, Colorado;

Minimally Invasive Surgery (MIS) Hip Surgical Technique Workshop. Celebration, Florida; 12-11-02.

Faculty Leadership Development Program: Presentation Coaching Institute: Presenting with

Impact and Integrity Class of 2005. Chicago, Illinois, October 15-16, 2005.  
Birmingham Hip Resurfacing Course. Smith and Nephew Orthopaedics. The Marriott Waterside Hotel, Tampa 2-9-07.  
Zimmer Durom Hip Resurfacing System Course. Zimmer Orthopaedics. The Zimmer Institute, Warsaw Indiana July 28, 2007.  
Cormet Hip Resurfacing Course. Stryker Orthopaedics. Florida Orthopaedic Institute Wet Labs, Tampa Florida, October, 2007.  
MAKO Surgical Skills Lab: Tactile Guidance System for Knee Arthroplasty. MAKO Surgical Services. Florida Orthopaedic Institute Wet Labs, Tampa Florida, November 14, 2008.  
T3: Train the Trainer Faculty Leadership Development Program: Presentation and Teaching Coaching Institute, Boston Massachusetts, June 27-28, 2009.

### **Surgical Course Instructor:**

Beta – Site Surgeon Instruction, Mini-Incision Total Knee Arthroplasty, Zimmer Orthopaedics, Park City, Utah, 2004

.Natural Knee II Minimally Invasive Surgery Cadaver Lab Surgeon Training Program, Celebration Florida, December 8, 2004.

Co-Chairman of: Anesthesia and Postoperative Analgesia for MIS Total Joint Procedures, Tampa Florida, 2005.

Instructor Mini Incision Total Knee Arthroplasty for the NKII, Zimmer Orthopaedics, Dallas Texas, PIMIT Lab, October 21-22, 2005

Instructor Mini Incision Total Knee Arthroplasty for the NKII, Zimmer Orthopaedics, The Zimmer Institute, Warsaw, Indiana. March 31, 2006.

Instructor Minimally Invasive Total Hip Arthroplasty; Anterolateral Approach, Zimmer Orthopaedics, The Zimmer Institute, Warsaw, Indiana. March 31, 2006.

Instructor for Zimmer Gender High Flex TKA: Lecture and Cadaver Lab Surgeon Training Program; Science Care Labs, Phoenix Arizona, August 23, 2008.

Instructor for Zimmer Gender High Flex TKA: Lecture and Cadaver Lab Surgeon Training Program; Anatomy Gifts Registry, Hanover Maryland, April 18, 2009.

Instructor for Zimmer Gender High Flex TKA: Lecture and Cadaver Lab Surgeon Training Program; Los Angeles/ Irvine California, July 25, 2009.

Instructor for Primary and Complex Knee Exposures: Contemporary Surgical Skills Lab for Hip and Knee Arthroplasty. FORE Skills Lab, Tampa Florida, Dec 5, 2009.

Instructor for Primary and Complex Hip Exposures: Contemporary Surgical Skills Lab for Hip and Knee Arthroplasty. FORE Skills Lab, Tampa Florida, Dec 5, 2009.

### **Board Positions Held:**

Florida Orthopaedic Society – Board of Directors, 2009 - Present

Zimmer President's Advisory Panel: Revision Total Hip Replacement, 2005 - Present

Zimmer President's Advisory Panel: Revision Total Knee Replacement, 2005 - Present

Zimmer e-Business Editorial Board, 2005 - Present

UCH – Carrollwood Orthopaedic Center of Excellence, Chief Medical Advisor -- Present

Arixtra Clinical Advisory Board

Centerpulse Orthopaedics Surgeon Innovation Review Board

**Commercial Surgical Consultant Positions:**

SulzerMedica Orthopaedics  
Centerpulse Orthopaedics  
Zimmer Orthopaedics Inc. - *Current*  
Amedica Orthopaedic Corporation - *Current*  
Salient Surgical Technologies  
Vision Broadcast Network Inc, “Ask the Specialist”  
on Cable’s **Oxygen Network** – *Current*  
Total Joint Orthopaedics (TJO) - *Current*

**Bibliography:**

Lyons ST, Hofmann A, Carmago M: The Use of Articulated Antibiotic Spacers for the Infected Total Hip Arthroplasty; Submitted for Publication in Journal of Arthroplasty, 2004.

Lyons ST, Morawa L, Edidn A, Manley MT: Extramedullary Alignment for the Precise Determination of Mechanical Axis in Total Knee Arthroplasty; Accepted for Publication in The Knee, 2000.

Lyons ST, Quinn, MA, Stanitski CL: Neurovascular Injuries in Type III Humeral Supracondylar Fractures in Children. Clinical Orthopaedics and Related Research, 376: 62-67, 2000.

Technical Monograph: The Centerpulse Durasul Epsilon Constrained Acetabular Liner System: Surgical Technique. W. Harris, M.D. and S. Lyons, M.D.

Technical Monograph: Natural Knee II MIS: Surgical Technique. Hofmann, Gustke, Dorr, Klauser, Lyons, Mathis.

Hofmann, AA, Kurtin SM, Lyons ST, Tanner AM, Bolognesi MP: Clinical and Radiographic Analysis of Accurate Restoration of the Joint Line in Revision Total Knee Arthroplasty. Journal of Arthroplasty, Vol 21 No. 8: 1154-1162, 2006

**Book Chapters:**

Haidukewych GJ, Lyons S, Bernasek T: Treatment of Periprosthetic Fractures around a Total Knee Arthroplasty. In Scott WN (ed): *Insall and Scott’s Surgery of the Knee*, 4<sup>th</sup> ed. Philadelphia, Churchill Livingstone Elsevier, 2006, Chapter 68, p 1170-1179.

Lyons, Steven: One-Stage Bilateral Total Knee Arthroplasty versus Staging Them. In Della Valle, Bach (ed): *Curbside Consultation in Knee Arthroplasty*. Thorofare, New Jersey, SLACK Incorporated, 2008, Chapter 6.

**Presentations:**

Lyons ST, May 11 1998: Incidence of Neurovascular Injuries in Type III Supracondylar Humeral Fractures in Children, Detroit Academy of Orthopaedic Surgeons.  
*Third Place Winner of Resident Paper Competition Held by Detroit Academy of Orthopaedic Surgeons: 5/11/98.*

Scott DF, Hofmann AA, Lyons ST, Camargo MP: Multicenter, Prospective, Eight - Year Experience with Cementless Fixation in Total Knee Arthroplasty. Scientific Exhibit Given at the 66<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons February 4 - 8, 1999, Anaheim California.

Complications in Total Joint Arthroplasty. University of Utah School of Physical Therapy, Annex B, 1145. 3/10/99.

The Infected Total Hip - Articulated Antibiotic Spacers. The 1999 Hip, Knee and Shoulder Symposium, Park City, Utah. March 10 - 13, 1999.

Restoration of the Joint Line Based on the Distal Femur in Revision Total Knee Arthroplasty. Orthopaedic Grand Rounds, University of Utah Medical Center. March 31, 1999.

Multicenter Prospective Seven - Nine Year Experience with Cementless Fixation in Total Knee Arthroplasty. EFORT : 4<sup>th</sup> Congress of the European Federation of National Associations of Orthopaedics and Traumatology. Brussels, Belgium. June 3-8, 1999.

Restoration of the Joint Line Based on the Distal Femur in Revision Total Knee Arthroplasty. The Hip, Knee and Shoulder Symposium, Silver Lake / Stein Eriksen Conference Center. Deer Valley, Utah. July 9-10, 1999.

Articulating Spacers - Clinical Results and Cost. The Hip, Knee and Shoulder Symposium, Silver Lake / Stein Eriksen Conference Center. Deer Valley, Utah. July 9-10, 1999.

The Revision Total Knee. Merck: Speaker Training Program. Disney Boardwalk Resort, Orlando, Florida. October 16, 1999.

Restoration of the Joint Line Based on the Distal Femur in Revision Total Knee Arthroplasty. Ninth Annual Meeting of the American Association of Hip and Knee Surgeons (AAHKS). DFW Hilton Conference Center. Dallas, Texas. November 12-14, 1999.

Restoration of the Joint Line Based on the Distal Femur in Revision Total Knee Arthroplasty. Paper # 258 Presented at the 67<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons; March 15-19, 2000, Orlando Florida.

Restoration of the Joint Line Based on the Distal Femur in Revision Total Knee Arthroplasty. Scientific Exhibit Given at the 67<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons; March 15-19, 2000, Orlando, Florida.

Pre-operative Planning in Revision Total Knee Arthroplasty. The 2000 Hip, Knee and Shoulder Symposium, Park City, Utah. March 29-April 1, 2000.

Restoration of the Joint Line Based on the Distal Femur in Revision Total Knee Arthroplasty. Deer Valley Fellows Conference. Deer Valley, Utah. July 14-15, 2000.

Natural – Hip; Clinical Results in the US IDE Study. Total Knee, Hip and Shoulder Arthroplasty Seminar. Four Seasons Resort Aviara, Carlsbad, California. July 27-29, 2000.

Arthritis – Don't Let It Keep You Down; Understanding the Pain. Senior's Lecture Series. Sun City Center, Florida. February 20, 2001.

The Infected Hip. Deer Valley Fellows Conference. Deer Valley, Utah. July 14, 2001.

Restoring the Joint Line Using the Distal Femur. 11<sup>th</sup> Annual Total Hip, Knee and Shoulder Arthroplasty Seminar. Hyatt Regency Resort, Beaver Creek, Colorado. August 16-18, 2001.

Surgical Approaches for the Revision Total Knee Arthroplasty. The 2002 Hip, Knee and Shoulder Symposium. Park City Utah, March 6 – 10, 2002.

Arthritis: Treatment Alternatives; Introducing the Unispacer. Senior's Lecture Series, Sun City Center, Florida. March 14, 2002.

Technological Advancements in the Treatment of Arthritis. Rotary Club. Tampa, Florida. April 15, 2002.

Total Knee Lecture Series and Workshop: Biomechanics, Alignment, Surgical Experience and Case Studies. Dabasons Palestra e Workshop: Artroplastia Total de Joelho. Instituto Nacional de Trauma e Ortopedia (INO/HTO), Rio De Janeiro, Brazil, June 5, 2002.

Total Knee Lecture Series and Workshop: Biomechanics, Alignment, Surgical Experience and Case Studies. Bandeirantes Hospital; Marcelo Medeiros – Medical Coordinator. Sao Paulo, Brazil, June 6, 2002.

Total Knee Lecture Series and Workshop: Biomechanics, Alignment, Surgical Experience and Case Studies. De Cirurgia E Palestra Com O Tema Artroplastia Total De Joelho. Sao Paulo, Brazil, June 6, 2002.

Total Knee Lecture Series and Workshop: Biomechanics, Alignment, Surgical Experience and Case Studies. Hospital Das Clinicas, Instituto De Ortopedia E Traumatologia. Sao Paulo, Brazil, June 7, 2002.

Total Knee Lecture Series and Workshop: Biomechanics, Alignment, Surgical Experience and Case Studies. Centro De Ortopedia E Reabilitacao No Esporte Do Hospital Do Coracao. Sao Paulo, Brazil, June 7, 2002.

Total Joint Arthroplasty and Rehabilitation Course for Physical Therapists. Luxor Conference Center. Las Vegas, Nevada, June 8, 2002.

Surgical Approach in Total Knee Arthroplasty. Natural Knee Programme, SICOT Meeting. Grande Hall of the Hotel Dell Coronado, San Deigo, California, Sunday August 25, 2002.

Surgical Approaches for the Revision Total Knee. The 2003 Hip, Knee and Shoulder Symposium. Deer Valley Resort, Park City Utah, March 5 - 8, 2003.

The Epsilon Durasul Constrained Liner. Total Joint Fellows Meeting. Ritz – Carlton at Half Moon Bay, San Francisco, California, July 10 - 12, 2003.

“Ask The Surgeon” National Internet Workshop; The Epsilon Constrained Liner. Centerpulse Hip Systems, Austin, Texas, August 27, 2003.

Arthritic Disorders of the Knee and Hip: Surgical Management. Annual UCH Orthopaedic Nurses Workshop. University Community Hospital. Tampa, Florida, Saturday September 6, 2003.

Instilling Confidence, Unispacer Surgeon National Web Conference / Panel Discussion; Zimmer Orthopaedics, October 16, 2003.

Science of Contrain and the New Liner. MIS Live Surgical Demonstration. Zimmer Orthopaedics, November 7, 2003.

What is Minimally Invasive Total Knee Arthroplasty? Natural Knee MIS Instrument Evaluation Kick – Off Meeting. Grand Summit Resort Hotel, The Canyons, Park City, Utah, November 8, 2003.

“Ask The Surgeon:, Durasul Epilson Constrained Acetabular Liner. National Internet Zimmer Training Session. November 11, 2003.

Surgical Approaches for the Revision Total Knee. 20th Annual Hip, Knee and Shoulder Symposium. The Canyons, Park City Utah, Feb 18 - 21, 2004.

Constrained Liners. 20th Annual Hip, Knee and Shoulder Symposium. The Canyons, Park City Utah, Feb 18 - 21, 2004.

Use of Jumbo Cups for Revision of Acetabulae with Large Bony Defects. 71st Annual Meeting of the American Academy of Orthopaedic Surgeons, March 12, 2004, San Francisco California. (presented by K. Gustke, M.D.)

The Constrained Dislocation – Dante’s Orthopaedic Inferno. University of Utah Fellows Conference. Park City, Utah, August, 2004.

Current Myths and Controversies in Total Joint Replacement. University Community Hospital – Carrollwood. Community Lecture Series. November 15, 2004.

Exposure and Planning for the Revision Total Knee. Zimmer Institute 21<sup>st</sup> Annual Hip, Knee and Shoulder Symposium. The Grand America Hotel, Salt Lake City, Utah. March 17 – 19, 2005.

Epsilon Acetabular Insert Constrained Liners. Zimmer Institute 21<sup>st</sup> Annual Hip, Knee and Shoulder Symposium. The Grand America Hotel, Salt Lake City, Utah. March 17 – 19, 2005.

Use of Large Heads in Revision Total Hips. Zimmer Institute Hip and Knee Revision Arthroplasty: Issues and Techniques. Marriott Marquis Hotel, New York, NY. December 2-3, 2005.

Management of Bone Defects in Revision Total Knee Arthroplasty Using the Natural Knee II System. Zimmer Institute Hip and Knee Revision Arthroplasty: Issues and Techniques. Marriott Marquis Hotel, New York, NY. December 2-3, 2005.

Management of Bone Defects in Revision Total Knee Arthroplasty Using the Natural Knee II System. Fourteenth Annual Current Techniques in Arthroplasty; Fellows Meeting. Ocean Reef Club, Key Largo Florida. April 9, 2006.

Large Femoral Heads in Revision Total Hip Arthroplasty. 51 Annual Reunion – Mexican National Orthopaedic Congress. Congreso Nacional De Ortopedia XXVIII. Hotel Sheraton Centro Historico. Mexico City, Mexico. May 2, 2006.

Debate of Total Hip Revision, Moderator: Dr. Manuel Michel Nava. 51 Annual Reunion – Mexican National Orthopaedic Congress. Congreso Nacional De Ortopedia XXVIII. Hotel Sheraton Centro Historico. Mexico City, Mexico. May 2, 2006.

Management of Bone Defects in Revision Total Knee Arthroplasty Using the Natural Knee II System. 51 Annual Reunion – Mexican National Orthopaedic Congress. Congreso Nacional De Ortopedia XXVIII. Hotel Sheraton Centro Historico. Mexico City, Mexico. May 2, 2006.

Debate in Total Knee Revision Arthroplasty, Moderator: Dr. Manuel Michel Nava. 51 Annual Reunion – Mexican National Orthopaedic Congress. Congreso Nacional De Ortopedia XXVIII. Hotel Sheraton Centro Historico. Mexico City, Mexico. May 2, 2006.

Management of Bone Defects in Revision Total Knee Arthroplasty Using the Natural Knee II System. University of Utah 2006 Fellows Grand Rounds. Treasure Mountain Inn, Park City, Utah. July 27-30, 2006.

NKII TKA and UltraCongruent Liners. Zimmer Carolinas – Total Joint Update Conference. The Grove Park Inn Resort. Asheville, North Carolina,. September 8-9, 2006.

Management of Total Hip Dislocation and the Unstable Hip. Zimmer Carolinas – Total Joint

Update Conference. The Grove Park Inn Resort. Ashville, North Carolina,. September 8-9, 2006.

The Natural Hip Prosthesis. Zimmer Carolinas – Total Joint Update Conference. The Grove Park Inn Resort. Ashville, North Carolina,. September 8-9, 2006.

The Difficult Primary Total Knee Arthroplasty; Ligament Balancing and Bone Loss. Zimmer Carolinas – Total Joint Update Conference. The Grove Park Inn Resort. Ashville, North Carolina,. September 8-9, 2006.

Surgical Exposures for Revision Total Hip Arthroplasty. Zimmer Hip and Knee Revision Arthroplasty: Issues and Techniques. Marriott Marquis Hotel, New York, NY. December 1-2, 2006.

Management of the Infected Total Hip Arthroplasty. Zimmer Hip and Knee Revision Arthroplasty: Issues and Techniques. Marriott Marquis Hotel, New York, NY. December 1-2, 2006.

Revision Total Hip Arthroplasty. Make a Difference Update in Orthopaedics Conference. Marriott Resort, Marco Island, Florida. March 21-25, 2007.

Revision Total Knee Arthroplasty. Make a Difference Update in Orthopaedics Conference. Marriott Resort, Marco Island, Florida. March 21-25, 2007.

The Unstable Total Hip Arthroplasty – Evaluation and Management. 15<sup>th</sup> Annual Current Techniques in Arthroplasty Conference. Ocean Reef Club, Key Largo, Florida. March 29-31, 2007.

Management of Periprosthetic Hip Fractures. 15<sup>th</sup> Annual Current Techniques in Arthroplasty Conference. Ocean Reef Club, Key Largo, Florida. March 29-31, 2007.

Exposure Options in the Revision Total Knee Arthroplasty. 15<sup>th</sup> Annual Current Techniques in Arthroplasty Conference. Ocean Reef Club, Key Largo, Florida. March 29-31, 2007.

Panel Discussion: Practicing Arthroplasty. 15<sup>th</sup> Annual Current Techniques in Arthroplasty Conference. Ocean Reef Club, Key Largo, Florida. March 29-31, 2007.

TKA: Bilateral Simultaneous, Staggered or Staged? 15<sup>th</sup> Annual Current Techniques in Arthroplasty Fellow's Conference. Ocean Reef Club, Key Largo, Florida. March 29-31, 2007.

Conversion of Previous Hip Surgery to THA using the Natural Hip System. Zimmer Hip and Knee Revision Arthroplasty: Issues and Techniques. Marriott Marquis Hotel, New York, NY. November 30 – December 1, 2007.

The Gender Specific Knee. Florida Orthopaedic Society Annual Meeting: Adult Reconstruction Breakout Session. Ocean Reef Club, Key Largo, Florida. May 17, 2008.

Intra-operative Xrays in Total Hip Arthroplasty. Presented by Monique Grey, M.D., Arthroplasty Fellow. 2<sup>nd</sup> Annual Fellows Day, FOI Research Foundation. Seminole Hard Rock Hotel and Casino, Tampa, Florida. July 18, 2008. *Third Place Winner of Research Competition Awarded by Freddie Fu, M.D.*

Arthritis of the Knee: Workup and Treatment Options. FOI Research Foundation: Orthopaedics for the Primary Care Practitioner. Seminole Hard Rock Hotel and Casino, Tampa, Florida. July 18 - 19. 2008.

Total Knee Replacement and PT / Rehabilitation. Advances in Total Joint Replacement and Rehabilitation of Hip, Knee, Shoulder and Elbow Replacement. Summit Seminars. Disney Swan and Dolphin Conference Center, Orlando, Florida. September 26-27, 2008.

PT TKA Sawbone Demonstration and Lecture. Advances in Total Joint Replacement and Rehabilitation of Hip, Knee, Shoulder and Elbow Replacement. Summit Seminars. Disney Swan and Dolphin Conference Center, Orlando, Florida. September 26-27, 2008

The Use of Large Femoral Heads in Revision Hips: Grand Rounds University of South Florida Orthopaedic Core Lecture Series. USF Health Morsani Center for Advanced Healthcare, Tampa Florida. November 7, 2008.

Primary TKA with Gender High Flex Knee: Zimmer Continuum of Care Knee Course. Westin San Francisco Market Street, San Francisco California, April 24, 2009.

Gender High Flex Knee Sawbone Demonstration and Lecture: Zimmer Continuum of Care Knee Course. Westin San Francisco Market Street, San Francisco California, April 24, 2009.

Intraoperative Radiographs in Total Hip Arthroplasty. Member Abstract Session #1, The Florida Orthopaedic Society Annual Meeting 2009, The Renaissance Vinoy Resort, St Petersburg, Florida. May 15, 2009.

Treatment Options for the Arthritic Knee. Orthopaedics for the Primary Care Practitioner. The Don Cesar Beach Resort, St Petersburg, Florida. July 17-18, 2009.

The Difficult Total Knee Arthroplasty: Grand Rounds University of South Florida Orthopaedic Core Lecture Series. USF Health Morsani Center for Advanced Healthcare, Tampa Florida. September 25, 2009.

Exposure for Complex Knee Surgery. Contemporary Surgical Skills Lab for Hip and Knee Arthroplasty. FORE Surgical Training Center. Temple Terrace, Florida, December 5, 2009.

Exposure for Primary Posterior and MIS Hip Surgery. Contemporary Surgical Skills Lab for Hip and Knee Arthroplasty. FORE Surgical Training Center. Temple Terrace, Florida, December 5, 2009

The Infected Total Hip Arthroplasty: Grand Rounds. University of South Florida Orthopaedic Core Lecture Series. USF Health Morsani Center for Advanced Healthcare, Tampa Florida. February 12, 2010.

Sensory Neuropathy Associated with Aggressive Cauterization Utilizing a Bipolar Radiofrequency Device in Primary TKA. National Congress of the American Academy of Orthopaedic Surgeons. New Orleans, Louisiana, March 10, 2010.

**Abstracts:**

Hofmann AA, Lyons ST, Camargo MP: The Role of Morsellized Allografting in Revision Total Knee Arthroplasty: The University of Utah Experience. Fifteenth Annual Current Concepts in Joint Replacement, December 1998, Orlando Florida.

Scott DF, Hofmann AA, Lyons ST, Camargo MP: Multicenter Prospective 7-9 Year Experience with Cementless Fixation in Total Knee Arthroplasty. EFORT: 4<sup>th</sup> Congress, Brussels, Belgium, 1999.

Hofmann AA, Lyons ST, Camargo MP: Two-Stage Treatment of Infected Hip Arthroplasty Using an Articulating Antibiotic Spacer. Fifteenth Annual Current Concepts in Joint Replacement, December 1998, Orlando Florida.

Hofmann AA, Lyons ST, Camargo MP: Treatment of Infected Total Knee Arthroplasty Using an Articulating Spacer.

Gustke K, Bernasek T, Lyons S: Use of Jumbo Cups for Revision of Acetabulae with Large Bony Defects. 71st Annual Meeting of the American Academy of Orthopaedic Surgeons, San Francisco California.

**Moderator:**

Live Surgery Broadcast from Tampa General Hospital to Hyatt Orlando Conference Center, 3/14/00, with Drs. Aaron Hofmann and Kenneth Gustke.

Live Surgery Broadcast from University of Utah Medical Center to Salt Lake Marriott Conference Center, 11/7/03.

Total Joint Update Section. Make a Difference Update in Orthopaedics Conference. Marriott Resort, Marco Island, Florida. March 21-25, 2007.

Panel: Updates in the Treatment of Infected Total Joint Arthroplasties. Make a Difference Update in Orthopaedics Conference. Marriott Resort, Marco Island, Florida. March 21-25, 2007.

Live Surgery Broadcast from Tampa General Hospital over Internet; Minimally Invasive

Computer Assisted Total Knee Arthroplasty with Ken Gustke. April 18, 2007.

Zimmer Hip and Knee Revision Arthroplasty: Issues and Techniques. Marriott Marquis Hotel, New York, NY. November 30 – December 1, 2007.

Adult Reconstruction Breakout Session: The Florida Orthopaedic Society Annual Meeting 2009, The Renaissance Vinoy Resort, St Petersburg, Florida. May 15, 2009.

Live Surgery Broadcast from Tampa General Hospital over Internet; Gender Specific High Flexion Total Knee Arthroplasty with Ken Gustke. May 27, 2009.

**Instructional Live Surgery:**

Posterior Approach for the Primary Total Hip. 2002 Primary Total Hip Arthroplasty Course; Depuy/ Johnson & Johnson Orthopaedics. Broadcast from Tampa General Hospital. April 19 2002.

Primary Varus Total Knees. Broadcast from Teatro do Hospital Santa Catarina, Sao Paulo, Brazil. June 6, 2002.

Primary Valgus Total Knees. Instituto Nacional de Trauma e Ortopedia (INO/HTO); Sao Paulo, Brazil. June 5, 2002.

Multiple Revision Hip and Knee Replacements Instructing Staff Surgeons at Cimeq Surgical Specialty Hospital. Havana, Cuba. Operation Walk, May 25 – June 3 2004.

Primary Hip and Knee Replacements Instructing Staff Orthopaedic Surgeons at Hospital de Sonsonate in Sonsonate, El Salvador. Operation Walk, March 13 – 19, 2005.

Cadaveric Dissections for Zimmer MIS Tibia First NKII Design Project. Warsaw, Indiana, September 23-24, 2005.

Live Surgery Broadcast from Tampa General Hospital over Internet; Minimally Invasive Computer Assisted Total Knee Arthroplasty with Ken Gustke. April 18, 2007.

Smart Health Series. The Gender Flex TKA. PBS Cable Television Channel. April 2008.

Live Surgery Broadcast from Tampa General Hospital over Internet; Gender Specific High Flexion Total Knee Arthroplasty with Ken Gustke. May 27, 2009.

**References:**

**Aaron Hofmann, M.D.**

University of Utah Medical Center  
50 N. Medical Dr. Rm 3-B165  
Salt Lake City, Utah, 84132  
(801) 581-7601

**Jeff Mast, M.D.**  
2345 E Prater Way #303  
Sparks, Nevada, 89434  
(775) 359-5757

**Keith Mayo, M.D.**  
1112 6<sup>th</sup> Avenue  
Tacoma, Washington, 98405  
(253) 272-2224

**Carl Stanitski, M.D.**  
Wayne State Medical Center  
3901 Beaubien Blvd.  
Detroit, Michigan, 48201  
(313) 745-5581

**Arthur Manoli, M.D.**  
University of So. Alabama College of Medicine  
2451 Fillingim St.  
Mobile, Alabama, 36617  
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