

MARK A. HARTZBAND, M.D.
CURRICULUM VITAE

EDUCATION

06/1974 McGill University
 Bachelor of Science: Human Anatomy
 First Class Honors
06/1978 McGill University
 Degree: Medical Doctor

POST DOCTORAL TRAINING

Internships and Residencies:

07/78 – 06/79 General Surgical Internship
 Montefiore Medical Center/Albert Einstein College of Medicine
 Bronx, NY

07/79 – 06/80 General Surgical Residency
 Montefiore Medical Center/Albert Einstein College of Medicine
 Bronx, NY

07/80 – 06/84 Orthopedic Surgical Residency
 Montefiore Medical Center/Albert Einstein College of Medicine
 Bronx, NY

CERTIFICATIONS

1984 Diplomat American Board of Orthopedic Surgeons
1985 Fellow American Board of Orthopedic Surgeons
1996 Re-Certified Fellow American Board of Orthopedic Surgeons
2006 Re-Certified Fellow American Board of Orthopedic Surgeons

PRIVATE PRACTICE

1984 – 1988 Orthopedic Specialists, P.A.
 Hackensack, NJ
1988 – 2003 Orthopedic Spine and Sports Medicine Center
 Paramus, NJ
2004 – 2006 Director, Insall Scott Kelly Institute, Section Chief,
 New York, NY
2004 – Present Hartzband Center for Hip and Knee Replacement
 Paramus, NJ

HOSPITAL AFFILIATIONS

Hackensack University Medical Center, Hackensack, NJ

HOSPITAL APPOINTMENTS

07/85 – 12/90 Coordinator of Resident Education, Orthopedic Surgery Department
 Hackensack University Medical Center, Hackensack, NJ

10/98 – Present Director of Joint Replacement Service, Department of Orthopedics
Hackensack University Medical Center, Hackensack, NJ

PROFESSIONAL ASSOCIATION MEMBERSHIPS

Bergen County Medical Society, Bergen County, NJ
American Medical Association
New Jersey Medical Society
American Academy of Orthopedic Surgeons
American Association of Hip and Knee Surgeons

PUBLICATIONS

“Spontaneous Osteonecrosis of the Medial Femoral Condyle” presented at the American Academy of Orthopedic Surgeons, 1983, New Orleans.

“Spontaneous Osteonecrosis of the Medial Femoral Condyle”, presented at the Seventh Annual Pan-American Rheumatology Congress, 1984, Washington.

“Spontaneous Osteonecrosis of the Knee” – Ficat and Ficat Textbook, Circulation of Bone.

Symposium – Minimally Invasive Total Hip Arthroplasty. Development, Early Results, and a Critical Analysis, JBJS Am 2003, 85:2235-2246. Daniel J. Berry, Richard A. Berger, John J. Callaghan, Lawrence D. Dorr, Paul J. Duwelius, Mark A. Hartzband, Jay R. Lieberman, Dana C. Mears.

Posterolateral Minimal Incisions for Total Hip Replacement: Technique and Early Results. Orthopedic-Clinics of North America. 35(2004) p. 119-129.

Minimally Invasive Total Hip Arthroplasty: The Two Incision Approach. Richard A. Berger, Mark A. Hartzband. MIS of the Hip and Knee. Springer 2004, p. 7-32. Ed., G.R. Scuderi, A.J. Tria, Jr.

Posterolateral Minimal Incision for Total Hip Replacement: Technique and Early Results. MIS Techniques in Orthopedics, Springer, 2005, Ed., G.R. Scuderi, A.J. Tria, Jr.

Clinical Experience with the Versys Fiber Metal Taper Femoral Stem for Primary Total Hip Arthroplasty. Mark A. Hartzband, Steven Kestlinger, Susan Nafash, submitted 2004.

Functional Differences Between Bilateral Posterior Stabilized and Cruciate Retaining Total Knee Replacements During Activities of Daily Living. Chris O. Dyrby, Alfred Tria, Robert Johnson, Mark Hartzband, Thomas Andriacchi, submitted 2004.

Posterolateral Mini-Incision Total Hip Arthroplasty. Operative Techniques in Orthopedics, April, 2006, vol 16, No 2, p. 93-101.

Posterolateral Minimal Incision for Total Hip Replacement: Technique and Early Results. MIS Techniques in Orthopedics, Springer, 2006, p. 141-158.

PUBLICATIONS Cont'd

Klein GR, Hartzband MA. Navigated Two-Incision Total hip arthroplasty. In Navigation and MIS in Orthopaedic Surgery, Stiehl, Konermann, Haaker and DiGioia, eds 2006

Klein GR, Hartzband MA. I am doing a total knee in a patient with a varus deformity. I have done my standard release and the knee is still tight medially. What should I do? In *Curbside Consultation in Total Knee Arthroplasty*. Della Valle, C ed, 2007

Hartzband MA, Klein GR: Two-incision total hip arthroplasty: The Hackensack experience. *Seminars Arthroplasty*. 2007. 18: 251-256.

Klein GR, Levine HB, Hartzband MA: Removal of a well-fixed Trabecular Metaltm monoblock tibial component. *J Arthroplasty* 2008;23:619-622.

Klein GR, Levine HB, Hartzband MA. Pain Management and Accelerated Rehabilitation After Total Knee Arthroplasty. 2008. 19:248-251.

Klein GR, Levine HB, Nafash SC, Lamothe HC, Hartzband MA: Total hip arthroplasty with a collarless, tapered, fiber metal proximally coated femoral stem: Minimum 5-year follow-up. Pending Publication. *J Arthroplasty* 2008.

Klein GR, Levine HB, Ambrose JF, Lamothe HC, Hartzband MA Gull-wing osteotomy for the treatment of the deficient patella in revision total knee Arthroplasty. Accepted for publication *J Arthroplasty* 2008.

CLINICAL RESEARCH

1995-2000 FDA Supervised Study on new Simplex Bone Cement (Howmedica)

1997-2008 FDA Supervised Study on Epoch Composite Total Hip Arthroplasty (Zimmer)

2000-2007 Lead Investigator of a study Comparing HA/TCP coated Fiber Metal Taper Total Hip Arthroplasty to uncoated Fiber Metal Taper Total Hip Arthroplasty

2001-2008 FDA Supervised Study on Mobile vs. Fixed Bearing High Flex Total Knee Arthroplasty (Zimmer)
CR/PS study

CONSULTANCIES

1996-1997 Howmedica, USA
1997-Present Clinical Consultant, Zimmer, USA

PRESENTATIONS

Invited and/or Refereed Nationally or Internationally

The Varus/Valgus Knee. Saddle Brook, Florida, November, 1998.

Release of the Varus/Valgus Knee. Sitka, Alaska, June, 1999.

Concepts of Revision. Sitka, Alaska, June, 1999.

A Mini Surgical Approach to Total Hip Arthroplasty: Technique, Pros and Cons. Vail, Colorado, January, 2000.

Release of the Varus Knee. Vail, Colorado, January, 2000.

Primary Knees. NexGen Group Meeting, Italy, April, 2000.

Revision Knees. NexGen Group Meeting, Italy, April, 2000.

The Approach to Revision Arthroplasty. NexGen Group Meeting, Italy, April, 2000.

A Minimal Incision Approach to Total Hip Arthroplasty. Sitka, Alaska, June, 2000.

Balancing of the Varus/Valgus Knee. Sitka, Alaska, June, 2000.

Mobile vs. Fixed Bearing Total Knee Arthroplasty, Sitka, Alaska, June, 2000.

MIS-UNI Technique. Sitka, Alaska, June, 2000.

Concepts of Revision. Sitka, Alaska, June, 2000.

A Mini-Surgical Approach to Total Hip Arthroplasty: Technique, Pros and Cons. Hip Millennium Forum, Portugal, July, 2000.

The Fiber Metal Taper Experience. Hip Millennium Forum, Portugal, July, 2000.

Concepts to Revision Knee. Taiwan, July, 2000.

New Polyethylene-Longevity XLPS:Use Cross-Linking to Enhance the Wear. Taiwan, July, 2000.

2 Year Follow-up with the Fiber Metal Taper Hip. Taiwan, July, 2000.

Total Hip Arthroplasty-Enhanced Biologic Fixation Through HA/TCP Coating of Porus Implants. Taiwan, July, 2000.

Clinical Results of NexGen LPS. Taiwan, July, 2000.

Balancing the Varus/Valgus Knee. Chicago, Illinois, September, 2000.

Presentations Cont'd

Concepts in Revision Total Knee Arthroplasty. Chicago, Illinois, September, 2000.

Minimally Invasive Approach to Total Hip Arthroplasty. Chicago, Illinois, September, 2000.

Results Using the Fiber Metal Taper Stem. Chicago, Illinois, September, 2000.

A Mini Approach to Total Hip Arthroplasty. Pinehurst, North Carolina, October, 2000.

Concepts in Revision Total Knee Arthroplasty. Pinehurst, North Carolina, October, 2000.

Design of LPS-Flex. Thailand, February, 2001.

Concepts in Revision Total Knee Arthroplasty. Thailand, February, 2001.

ZMR Hip. Thailand, February, 2001.

Longevity Polyethylene. Thailand, February, 2001.

Fiber Metal Taper. Taiwan, February, 2001.

Prospective Randomized Comparison Study of 150 Mirror Image Bilateral TKA Using CR/PS Prosthesis with Gait Analysis. Taiwan, February, 2001.

ZMR Revision Hip Surgical Technique. Taiwan, February, 2001.

Fiber Metal Taper: 3 Year Follow-Up. South Africa, April, 2001.

A Minimal Incision Approach in Total Hip Arthroplasty. South Africa, April, 2001.

MIS Unicondylar Knee. South Africa, April, 2001.

Prospective Randomized Comparison Study of 150 Mirror Image Bilateral TKA Using CR/PS Prosthesis with Gait Analysis. South Africa, April, 2001.

Comparison Between Posterior Stabilized Knee and Mobile Bearing Knee. South Africa, April, 2001.

Concepts in Revision Total Knee Arthroplasty. Spain, May, 2001.

Mobile Bearing vs Fixed Bearing Total Knee Arthroplasty in An Elderly Population. Spain, May, 2001.

Prospective Randomized Comparison Study of 150 Mirror Image Bilateral TKA Using CR/PS Prosthesis with Gait Analysis. Sitka, June, 2001.

A Minimal Incision Approach in Total Hip Arthroplasty. Sitka, Alaska, June, 2001.

Comparison Between Posterior Stabilized and Mobile Bearing Knee. Sitka, Alaska, June, 2001.

Presentations Cont'd

MIS Unicompartmental Knee Arthroplasty-Indications and Technique. Baltimore, Md, August 2001.

A Minimal Incision Approach in Total Hip Arthroplasty. Las Vegas, Nevada, October, 2001.

ZMR Revision Hip Surgical Technique. Las Vegas, Nevada, October, 2001.

MIS Unicompartmental Knee Arthroplasty-Indications and Technique. Baltimore, Maryland, December 2001.

Minimal Incision Approach in THA. Vail, Colorado, January, 2002.

Balancing Varus/Valgus Knee. Vail, Colorado, January, 2002.

Prospective Randomized Comparison Study of 150 Mirror Image Bilateral TKA Using CR/PS Prosthesis with Gait Analysis. Vail, Colorado, January, 2002.

Minimal Incision Approach in THA. Whistler, British Columbia, March, 2002.

Balancing Varus/Valgus Knee. Whistler, British Columbia, March, 2002.

Minimal Incision and Fiber Metal Taper Hip Experience. West Palm Beach, Florida, April, 2002.

Fixed versus Mobile Bearing TKA. West Palm Beach, Florida, April, 2002.

MIS Unicompartmental Knee Arthroplasty-Indications and Technique. Baltimore, Maryland, May, 2002.

Minimal Incision Approach to THA. Pittsburgh, Pennsylvania, May 2002.

MIS Unicompartmental Knee Arthroplasty-Indications and Technique. Pittsburgh, Pennsylvania, May 2002.

Total Hip Arthroplasty-Enhanced Biologic Fixation Through HA/TCP Coating of Porus Implants. Hawaii, June, 2002.

Prospective Randomized Comparison Study of 150 Mirror Image Bilateral TKA Using CR/PS Prosthesis with Gait Analysis. Hawaii, June, 2002.

Varus/Valgus Release in TKA. Hawaii, June, 2002.

Minimally Invasive Solutions to THA. San Francisco, California, June, 2002.

Varus/Valgus Release and Concepts of Revision TKR. Bloemfontein, South Africa, September, 2002.

Minimal Incision Posterior Approach and Two Incision THA. Bloemfontein, South Africa, September, 2002.

Presentations Cont'd

Experience with Low Stiffness, Composite Biologically Fixed Prosthesis and Metal Technology/Tantalum. Bloemfontein, South Africa, September, 2002.

Minimal Incision Posterior Approach THA – Technique and Early Results. Harvard Hip and Knee Course, Cambridge, Massachusetts, October, 2002.

Unicompartmental Knee Arthroplasty – Indications and Technique. Harvard Hip and Knee Course, Cambridge, Massachusetts, October, 2002.

Indications and Benefits of MIS in Hip Arthroplasty: One Incision Surgical Technique. Venice, Italy, October, 2002.

One-Incision Technique: Ain't No Big Thing. Los Cabos, Mexico, November, 2002.

CR vs PS TKA. Los Cabos, Mexico, November, 2002.

Techniques of MIS Unicompartmental Knee. Los Cabos, Mexico, November, 2002.

Minimally Invasive Surgical Technique for Total Hip Arthroplasty. Michigan, November, 2002.

Mini incision Posterior Approach THA. New York, December, 2002.

2-Incision THA. New York, December, 2002.

Mini Posterolateral Approach. Vail, Colorado, January, 2003.

Bilateral Posterior Stabilized and Cruciate Retaining TKA. Vail, Colorado, January, 2003.

Live Surgery, Unicompartmental Knee. Hackensack, New Jersey, January, 2003.

Pit Falls and Complications of THA. Grand Rapids, Michigan, March 2003.

How To Choose Mini Vs 2-Incision. Grand Rapids, Michigan, March, 2003.

Epoch Hip. Grand Rapids, Michigan, 2003.

Concepts of Revision. Grand Rapids, Michigan, March, 2003.

Technique for Mini THA Posterior Approach. Pebble Beach, California, March, 2003.

MIS Total Hip: Initial Results. Pebble Beach, California, March, 2003.

Mini Technique for Total Knee Replacement. Pebble Beach, California, March, 2003.

Posterior Approach Is Best. Belize, May, 2003.

Mini Incision Posterior Approach THA: Technique and results. Belize, May 2003.

2-Incision THA: Technique and Results. Belize, May, 2003.

Presentations Cont'd

Concepts of Managing Acetabular Bone Loss. Belize, May, 2003.

Concepts of Managing Femoral Bone Loss. Belize, May, 2003.

New Technologies, Tantalum, Low Modulus Composite Femoral Component-Epoch Hip. Belize, May, 2003.

Mini-Incision THA – Posterior Approach. Pittsburgh, Pennsylvania, May, 2003.

High Flexion Knee. Pittsburgh, Pennsylvania, May, 2003.

2-Incision vs Mini – How To Decide. CAOS, Pittsburgh, PA, June, 2003.

Pearls of Changing Your Practice. CAOS, Pittsburgh, PA, June, 2003.

MIS TKA Technique. Chicago, Ill, June, 2003.

MIS THA – Posterior Approach. Chicago, Ill, June, 2003.

Posterolateral Surgical Approach. San Francisco, Ca, July, 2003.

MIS TKA Surgical Approach. San Francisco, Ca, July 2003.

Posterolateral Mini Incision THA. Chicago, Ill, July, 2003.

Use of Porous Tantalum. Chicago, Ill, July, 2003.

Pearls of Changing Your Practice. Chicago, Ill, July, 2003.

Balancing the Varus and Valgus Knee. Chicago, Ill, July, 2003.

Concepts of TKA Revision. Chicago, Ill, July, 2003.

Current Indications of Uni TKA. Chicago, Ill, July, 2003.

Fiber Metal Taper-Design Technique, Results. Chile, Aug, 2003.

MIS 2-Incision THA-The NJ Experience. Chile, Aug, 2003.

A Low Modulus Composite Femoral Component-The Epoch Hip Design and Results. Chile, Aug, 2003.

Trabecular Metal-Mechanical Properties and Clinical Application. Chile, Aug, 2003.

Mini TKA. Chile, Aug, 2003.

Concepts of Revision. Chile, Aug, 2003.

Current Indication of Unicompartmental TKA. Sitka, Alaska, Aug, 2003.

Presentations Cont'd

Balancing the Varus and Valgus Knee. Sitka, Alaska, Aug, 2003.

Fixed Mobile Bearings. Sitka, Alaska, Aug, 2003.

Mini-Incision TKA. Sitka, Alaska, Aug, 2003.

Concepts of Revision. Sitka, Alaska, Aug, 2003.

A Cementless Taper Design. Sitka, Alaska, Aug, 2003.

Mini-Incision THA: Posterolateral Approach. Sitka, Alaska, Aug, 2003.

MIS Mini Incision Posterolateral Approach. Bologna, Italy, Sept, 2003.

MIS Mini Incision Surgical Technique for NexGen Total Knee. Bologna, Italy, Sept, 2003.

MIS:Current Perspective, Hints and Tips. Gleneagles, Scotland, Sept, 2003.

Futures in Arthroplasty. Gleneagles, Scotland, Sept, 2003.

Posterolateral Mini Incision THA:My Approach. Boston, MA, Sept, 2003.

Mini-Incision THA. Lisbon, Portugal, Sept, 2003.

2-Incision THA. Lisbon, Portugal, Sept, 2003.

Epoch Hip. Lisbon, Portugal, Sept, 2003.

Minimally Invasive Techniques in Hip Arthroplasty. Tenerife, Canary Islands, Oct, 2003.

Mini-Incision THR:Posterolateral Approach. CAOS, Pittsburgh, Pa, Oct, 2003.

The Development and Experience with a Two Incision THR Technique. CAOS, Pittsburgh, Pa, Oct, 2003.

Mini Incision or Two Incision THR? How To Decide. CAOS, Pittsburgh, Pa, Oct, 2003

Pearls on How to Change Your Routine. CAOS, Pittsburgh, Pa, Oct, 2003.

Posterior Stabilized vs CR TKR-in Bilateral TKA-A Prospective Randomized Study. Williamsburg, Virginia, Oct, 2003.

Fixed vs Mobile Bearing TKA-Do I Stay or Do I Go? Williamsburg, Virginia, Oct, 2003.

Techniques in MIS TKA. Williamsburg, Virginia, Oct, 2003.

MIS-Posterolateral Approach, Technique, Results, Pearls. Williamsburg, Va, Oct, 2003.

Presentations Cont'd

Pearls of Changing Your Practice. Philadelphia, Pa, Nov, 2003.

Hi-Flex TKA. Philadelphia, Pa, Nov, 2003.

Mini Posterior Lateral Approach. Palm Springs, Ca, Dec, 2003.

High Flex Posterior Stabilized. Palm Springs, Ca, Dec, 2003.

Mini Incision TKA. Palm Springs, Ca, Dec, 2003.

MIS THR:Technique, Pros and Cons. Vail, Co, Jan, 2004.

Techniques for Minimally Invasive TKA. Vail, Co, Jan, 2004.

TKA in the Valgus Knee. Vail, Co, Jan, 2004.

Minimal Posterior Approach – Technique and Results. Calahorra, Spain, March, 2004.

2-Incision Total Hip Arthroplasty-New Jersey Experience. Calahorra, Spain, March, 2004.

Mini vs 2-Incision THA-How To Choose. Calahorra, Spain, March, 2004.

Minimal Posterior Approach – Technique and Results, Bilbao, Spain, March, 2004.

2-Incision Total Hip Arthroplasty-New Jersey Experience. Bilbao, Spain, March, 2004.

Mini vs 2-Incision THA-How To Choose. Bilbao, Spain, March, 2004.

2-Incision Minimally Invasive Total Hip Arthroplasty:Pitfalls and Complications, Early Results From Three Centers. AAOS Annual Meeting, San Francisco, Ca, March, 2004.

Pearls of Changing Your Routine. Buckhead, Atlanta, April, 2004.

High Flexion TKA. Buckhead, Atlanta, April, 2004.

Mini Posterior THA. Buckhead, Atlanta, April, 2004.

Mini Incision Posterolateral Approach. CAOS, Pittsburgh, Pa, April, 2004.

Mini vs 2-Incision-NJ, How to Choose. CAOS, Pittsburgh, Pa, April, 2004.

Mini TKA-Rational and Technique. CAOS, Pittsburgh, Pa, April, 2004.

How to Improve Efficiencies in OR. CAOS, Pittsburgh, Pa, April, 2004.

Mini TKR Video Technique. CAOS, Pittsburgh, Pa, April, 2004.

Presentations Cont'd

Mini and 2-Incision THA, Grand Rounds, Yale, CT, May, 2004.

Mobile vs Fixed Bearing TKA-Should I Stay or Should I Go? Rio de Janerio, Brazil, July, 2004.

Trabecular Metal-Mechanical Properties and Clinical Application. Rio de Janerio, Brazil, July, 2004.

Mini vs 2-Incision-How To Choose? Rio de Janerio, Brazil, July, 2004.

Concepts in Revision TKA. Rio de Janerio, Brazil, July, 2004.

Mini Total Knee Arthroplasty. Rio de Janerio, Brazil, July, 2004.

Pitfalls and Complications of 2-Incision THA. Chicago, Ill, Aug, 2004.

Video Technique:Posterolateral MIS THA. Chicago, Ill, Aug, 2004.

Pearls of Changing Your Practice. Chicago, Ill, Aug, 2004.

Mini TKA: Clarification of Knee Mini Incision vs Quad Sparing TKA. Kohler, WI, Sept, 2004.

High Flex TKA: Design, Rationale and Results. Kohler, WI, Sept, 2004.

Debate: Minimally Invasive Hip Replacement is a Misnomer? I Disagree. AAOS Learning Center, Rosemont, Ill, Sept, 2004.

My Initial Experience with Navigation of MIS THA. Boston, MA, Sept, 2004.

Results with Unicondylar Replacement. New York, NY, Sept, 2004.

High Flexion TKA-Design, Techniques and Results. New York, NY, Sept, 2004.

2-Incision Approach-Avoiding the Learning Curve. Puerto Rico, Oct, 2004.

Pearls of Changing Your Routine. Philly, Pa, Oct, 2004.

Zimmer MIS Knee Technology. Philly, Pa, Oct, 2004.

Unicompartmental Knee Replacement. Bethlehem, Pa, Oct, 2004.

CR vs PS TKA. Bethlehem, PA, Oct, 2004.

Mini Incision Knee Replacement. Bethlehem, Pa, Oct, 2004.

Posterior MIS THA. Boca Raton, Florida, Oct, 2004.

Quad Sparing TKA. Boca Raton, Florida, Oct, 2004.

Presentations Cont'd

Mini Incision vs MIS 2-Incision THA. Boca Raton, Florida, Oct, 2004.

MIS 2-Incision THA-NJ Experience, Technique & Results. Boca Raton, Florida, Oct, 2004.

Mobile vs Fixed Bearing TKA-Should I Stay or Should I Go? Boca Raton, Florida, Oct, 2004.

Mini Incision THA Techniques. Boca Raton, Florida, Oct, 2004.

Minimally Invasive Total Hip Arthroplasty: Experience with the 2-Incision Approach. Houston, Texas, November, 2004.

Minimally Invasive Knee Replacement. Orthopedics Today, New York, NY, Nov, 2004.

Minimally Invasive Hip Replacement: Mini's and 2-Incision. Orthopedics Today, New York, NY, Nov, 2004.

MIS and Mini THA. Grand Rounds, Tucson, Arizona, Dec, 2004.

A Low Modulus Composite Femoral Component: Design and Results. Vail, CO, Jan 2005.

Minimally Invasive 2-Incision THR-NJ Experience. Vail, CO, Jan, 2005.

Mini vs 2-Incision Surgical Approaches. Vail, CO, Jan, 2005.

Unicompartmental Knee-Surgical Technique. Vail, CO, Jan, 2005.

High Flexion TKA-Design, Technique and Results. Vail, CO, Jan, 2005.

2-Incision THA. Atlanta, Georgia, Feb, 2005.

Quad Sparing TKA. Atlanta, Georgia, Feb, 2005.

2-Incision THR-Pitfalls and Complications, Report of First 100 Cases. AAOS Annual Meeting, Washington, DC, Feb, 2005.

TKA with MIS Approaches from Mini incision to Quad Sparing-US Perspective. SICORMed Meeting, Milan, Italy, March, 2005.

MIS in Hip and Knee Prosthetic Surgery. SICORMed Meeting, Milan, Italy, March, 2005.

Pitfalls and Complications of 2-Incision THA. Rush Learning Center, Chicago, Ill, April, 2005.

Video Technique: Posterolateral MIS THA. Rush Learning Center, Chicago, Ill, April, 2005.

Pearls of Changing Your Practice. Rush Learning Center, Chicago, Ill, April, 2005.

Varus/Valgus Releases in TKA. Rush Learning Center, Chicago, Ill, April, 2005.

Presentations Cont'd

High Flex TKA. Rush Learning Center, Chicago, Ill, April, 2005.

Mini Posterolateral Approach and Video. Palm Beach, Florida, April, 2005.

Fiber Metal Taper Hip Design. Palm Beach, Florida, April, 2005.

Tantalum Metal. Palm Beach, Florida, April, 2005.

Concepts of Revision TKA, Palm Beach, Florida, April, 2005.

THR/TKR with Computer Navigation, Pasadena, Ca, April, 2005.

Pitfalls and Avoiding Complications of Mini THA. CAOS, Pittsburgh, Pa, May, 2005.

2-Incision THR and Surgical Technique. CAOS, Pittsburgh, Pa, May 2005.

How To Decide/Patient Selection:Mini or 2-Incision. CAOS, Pittsburgh, Pa, May, 2005.

Early Experience with Navigated 2-incision and Mini THR. CAOS, Pittsburgh, Pa, May, 2005.

Mini Approach in Hip Arthroplasty. Madrid, Spain, May, 2005.

Mini Approach in Knee Arthroplasty. Madrid, Spain, May, 2005.

Experience with Posterolateral MIS Approach. Barcelona, Spain, June, 2005.

Versys Fiber Metal Taper Hip-Design, Technique, Results. Allentown, Pa, Sept. 2005

Low Modulus Composite Femoral Component. Allentown, Pa, Sept, 2005.

Posterior Approach for THA-The Best Approach. Allentown, Pa, Sept, 2005.

Clinical Results with Unicondylar Replacement. ISK, New York, NY, Sept, 2005.

Mini Posterior Approach. ISK, New York, NY, Sept, 2005.

2-Incision THA-Avoiding the Learning Curve. ISK, New York, NY, Sept, 2005.

Early Experience with Navigation in 2-Incision THA. ISK, New York, NY, Sept, 2005.

Use of Proximally Coated Tapered Stems in Primary THA. ISK, New York, NY, Sept, 2005.

Clinical Experience with Navigated THA. Cambridge, MA, Sept, 2005.

Concepts of Revision Total Knee replacement. Insall Traveling Fellows. NY, Oct, 2005.

Zimmer MIS TKA with the NexGen Complete Knee Solution. Philadelphia, Pa, Oct, 2005.

Presentations Cont'd

Pearls of Changing Your Practice. Philadelphia, Pa, Oct, 2005.

Early Experience of Computer Navigated Total Hip Replacement. Vail, CO, Jan, 2006.

Porous Tantalum Metal: Mechanical Properties and Clinical Applications. Vail, CO, Jan, 2006.

Mobile vs Fixed Bearing Total Knee Arthroplasty-Should I Stay or Should I Go? Vail, CO, Jan 2006.

Mini Incision Posterior and Two Incision Technique THR's. AAOS, Chicago, March, 2006.

Mini/MIS TKA: Fixation and Component Modification. AAOS, Chicago, March, 2006.

Electromagnetic Navigation in MIS TKA and Quad Sparing MIS TKA. NJOS On The Road, Atlantic City, NJ, May, 2006.

The Stiff Knee. Baltimore, MD, June, 2006.

Zimmer MIS Mini Incision Posterior Approach. Baltimore, MD, June, 2006.

Experience with the Zimmer CAS Technologies. Baltimore, MD, June, 2006.

Management of Knee Stiffness. Bethlehem, Pa, Sept, 2006

Management of the Infected Knee. Bethlehem, PA, Sept, 2006.

Revision of the Total Knee: Loosening-Role of the NexGen Complete Knee Solution LCKK and RHK. Bethlehem, Pa, Sept, 2006.

High Flexion Knee Designs, Considerations, Surgical Techniques, Rehab, Clinical Results to Date. Infall Scott Kelly Institute Annual Mtg, NY, NY, Sept, 2006.

Mini/MIS TKA Approaches. Scottsdale, AZ, Oct, 2006.

Mini TKA. Scottsdale, AZ, Oct, 2006.

Navigation and TKA. Scottsdale, AZ, Oct, 2006.

Mini Incision Posterior Approach. Scottsdale, AZ, Oct, 2006.

Navigation in MIS THA. Scottsdale, AZ, Oct, 2006.

Varus/Valgus Knees. Harvard University, Boston, Mass, Oct, 2006.

MIS TKA. Harvard University, Boston, Mass, Oct, 2006.

Pearls of Changing Your Practice. Philadelphia, Pa, Oct, 2006.

Presentations Cont'd

Gender High Flex Knee Replacement. Rochester, NY, Nov, 2006.

MIS Surgical Approaches. Rochester, NY, Nov, 2006.

Gender High Flex Knee Arthroplasty. Long Island, NY, Nov, 2006.

Gender Knees. Overland Park, Kansas, Nov, 2006.

MIS for THA/TKA. Orthopedic Grand Rounds, Penn State, Hershey, Pa, Dec, 2006.

MIS Mini Incision Posterior Approach – Why It's Best. Palm Springs, Ca, Dec, 2006.

Clinical results of Trabecular Metal in TKR. Palm Springs, Ca, Dec, 2006.

Mobile vs Fixed bearing TKA. Palm Springs, Ca, Dec, 2006.

The Potential Advantage of EM Over Optical Systems. Palm Springs, Ca, Dec, 2006.

Why I Choose Modular Acetabular Components. Vail, CO, Jan, 2007.

Pearls of Changing Your Practice. Vail, CO, Jan, 2007.

Posterior MIS Approach. Vail, CO, Jan, 2007.

Double Tapered Stems. Vail, CO, Jan, 2007.

How I Do a Primary and Revision THA. Vail, CO, Jan, 2007.

Bilateral Joint Knee Arthroplasty. Vail, CO, Jan, 2007.

New Technologies and Techniques TKA. Vail, CO, Jan, 2007.

Design Rationale for High Flexion Posterior Stabilized Knee. Vail, CO, Jan, 2007.

Mini Posterior THA. AAOS, San Diego, Ca, Feb, 2007.

Mini/MIS TKA: Fixation and Component Modification. AAOS, San Diego, Ca, Feb, 2007.

Why I Do MIS Quad Sparing TKA's. Atlanta, Ga, April, 2007.

MIS Quad-Sparing Approach Video Technique. Atlanta, Ga, April, 2007.

Mini Posterior Approach to THA. Atlanta, Ga, April 2007.

Early Results With New Trabecular Metal Hip Stem. Atlanta, Ga, April, 2007.

Gender Solutions Total Hip-Because Women Are Different. Atlanta, Ga, April, 2007.

Presentations Cont'd

Transitioning from Cementing to Going Cementless with the trabecular Metal Monoblock Tibia. Parsippany, NJ, May, 2007.

Clinical Results with the Trabecular Metal Modular Cup. Parsippany, NJ, May, 2007.

Use of TM in Primary/Revision Total Hip Arthroplasty. Orense, Spain, June, 2007.

TM and It's Use in Total Knee Arthroplasty. Orense, Spain, June, 2007.

Use of TM in Primary/Revision Total Hip Arthroplasty. Bilbao, Spain, June, 2007.

Gender Knees. Bilbao, Spain, June, 2007.

Managing Patients in a High Volume Practice. Salt lake City, Utah, July, 2007.

Use of Trabecular Metal in Total Joint Replacement. Vienna, VA, Aug, 2007.

Gender Considerations in Total Joint arthroplasty. UPen Ortho Update, Lafayette Hill, PA, Sept, 2007.

Zimmer MIS Total Hip Arthroplasty. UPen Ortho Update, Lafayette Hill, PA, Sept, 2007.

Electromagnetic Navigation in TKA. Insal Scott Kelly Institute Annual Mtg, NY, NY, Sept, 2007.

Navigation in MIS THA. Insal Scott Kelly Institute Annual Mtg, NY, NY, Sept, 2007.

The Benefits of a Modular Socket. Insal Scott Kelly Institute Annual Mtg, NY, NY Sept, 2007.

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