

Steven F. Harwin, MD, FACS

Curriculum Vitae

2009

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DATE OF BIRTH:

June 20, 1946

EDUCATION:

St. John's University
New York, New York
B.S. 1967 *Cum Laude*

State University of New York Upstate Medical University
Syracuse, New York
M.D. 1971

POST-GRADUATE TRAINING:

INTERNSHIP:

Beth Israel Medical Center
New York, New York
1971-1972

RESIDENCY:

Albert Einstein College of Medicine
New York, New York
1972-1975

TRAVELLING FELLOWSHIP:

Centers of Hip and Knee Surgery
United States, United Kingdom, Germany
1977

PROFESSIONAL EMPLOYMENT AND HOSPITAL APPOINTMENTS:

PROFESSIONAL EMPLOYMENT:

Albert Einstein College of Medicine
Full-Time Academic Faculty
1975-1977

Private Practice
Orthopaedic Surgery
1977-1999

Beth Israel Medical Center
Faculty Practice
1999-Present

PAST HOSPITAL APPOINTMENTS:

Montefiore Medical Center Bronx, New York Attending Orthopaedic Surgeon	1975-1993
Our Lady of Mercy Medical Center (Pelham Bay Division) Bronx, New York Attending Orthopaedic Surgeon	1978-1993
St. Barnabas Medical Center Bronx, New York Attending Orthopaedic Surgeon	1980-1993
Westchester Square Medical Center Bronx, New York Attending Orthopaedic Surgeon	1985-1993

CURRENT HOSPITAL AFFILIATION:

Beth Israel Medical Center New York, New York Attending Orthopaedic Surgeon	1979-Present
Chief of Adult Reconstructive Surgery of the Hip and Knee	1997-Present

ACADEMIC APPOINTMENT:

Albert Einstein College of Medicine New York, New York Associate Professor of Orthopaedic Surgery	1975-Present
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BOARD CERTIFICATION:

American Board of Orthopaedic Surgery	1976
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PROFESSIONAL SOCIETY MEMBERSHIP:

American Medical Association
New York State Medical Society
New York County Medical Society
New York Academy of Medicine
American College of Surgeons
American Academy of Orthopaedic Surgeons
New York State Society of Orthopaedic Surgeons
Association for Arthritic Hip and Knee Surgery (Charter Member)
American Association of Hip and Knee Surgeons (Charter Member)
American College of Sports Medicine
Association of Professional Team Physicians
International Association of Police Chiefs (Former)
Federation of Police Surgeons

AWARDS AND HONORS:

B.S. Degree conferred Cum Laude
Honorary Member of the Spanish Knee Society
Honorary Member of the Argentinean Knee Society
Honorary Member of the Mexican Knee Society
Honorary Member of the Insall Club
New York "Super-Doctor" – 2008
"Top Surgeon in America" - Consumers' Research Council of America
"Top Orthopaedist in America – Consumers' Research Council of America
"Top Doctor in the New York Metro Area" - Castle Connelly Guide
"Best Doctor in the New York Metro Area" – Castle Connelly Guide
"Top Doctor in the Bronx" - Better Living Magazine
"Top Doctor in New York" - Better Living Magazine
"Best Doctor in America" – Best Doctors Organization
"Top Sports Doc" – Men's Journal Magazine 2008
"Top Doctor" – Who's Who Global Directory 2009
"Top Doctor – NY Super Doctor" New York Times Magazine 2009

OTHER PROFESSIONAL ACTIVITIES:

SPECIAL APPOINTMENTS:

Chief of Adult Reconstructive Surgery of the Hip and Knee Department of Orthopaedic Surgery Beth Israel Medical Center, New York	1997-Present
Fellow, Association of Professional Team Physicians	1999-Present
Director New York International Learning Center for Total Joint Replacement Beth Israel Medical Center , New York	2000-Present
Director of Bloodless Surgery Adult Reconstructive Service Department of Orthopaedic Surgery	2008-Present
Surgical Director, New York Center for Bloodless Medicine and Surgery Continuum Health Partners, New York	2001-2005
Consultant Team Physician New York Knickerbockers Professional Basketball Team	1999-2005
Director Insall Scott Kelly Institute for Orthopaedics and Sports Medicine Beth Israel Medical Center-Singer Division, New York	1994-2002
Director, Fellowship Program in Reconstructive Hip and Knee Surgery Beth Israel Medical Center-Singer Division, New York	1994-1996
Chief, Division of Orthopaedic Surgery St. Barnabas Medical Center, Bronx, New York	1988-1993
Chief, Division of Orthopaedic Surgery Our Lady of Mercy Medical Center (Pelham Bay Division), Bronx, New York	1984-1989

NATIONAL COMMITTEES SERVED:

American Academy of Orthopaedic Surgeons
Knee Algorithm Task Force

Association for Arthritic Hip and Knee Surgery
Coding Committee

American Association of Hip and Knee Surgeons
Legal Defense Committee

EDITORIAL BOARDS AND ADVISORY GROUPS:

The Journal of Arthroplasty
Editorial Board Member

The Journal of Knee Surgery
Editorial Board Member

Orthopedics
Editorial Board Member
Section Editor: Tips and Techniques

Adult Reconstruction Committee, Beth Israel Medical Center
Chairman

Stryker Orthopaedics
Project Review Board Member (Chairman 2004-2005, 2007-2008)
Education Advisory Board Member
Science Advisory Board Member
Arthroplasty Research Board Member
Innovation Council Member

Medical Board of Beth Israel Medical Center
Member (Former)

Board of Trustees of the Churchill School and Center
Member (Former)

ORTHOPEDICS Today
Editorial Board Member (Former)

Orthopaedic Special Edition
Editorial Board Member (Former)

American Journal of Arthroscopy
Editorial Board Member (Former)

Practical Reviews in Orthopaedic Surgery
Editorial Board Member (Former)

PROSTHETIC DESIGN CONTRIBUTIONS:

Designer/Principal Surgeon: Kinemax Plus Total Knee Prosthesis
Designer/Principal Surgeon: Kinemax Plus Superstabilizer Total Knee Prosthesis
Designer/Principal Surgeon: Talon Total Hip Acetabular Prosthesis
Designer/Principal Surgeon: Restoration PS Total Hip Femoral Prosthesis
Consultant Design Surgeon: Mainstay Bone Anchor and Instrumentation System
Design Consultant: Scorpio Total Knee Arthroplasty
Design Consultant: Modular Revision Total Hip Replacement System
Design Consultant: Global Total Hip Platform Project
Design Consultant: Triathlon Total Knee Arthroplasty and A/R Instruments

PATENTS HELD:

Compression-Fit Total Hip Prosthesis
Umbrella Bone Anchor
Improved Acetabular Cup Total Hip Prosthesis (Talon Cup)
Improved Suture Anchor Device
Bio-Shim Interference Fit Device
Trident/Quadrant Orthopaedic Posting Device

Integral Screw/Washer Device
Multi-Jig TKA Positioning Device

RESEARCH IN PROGRESS:

Total Knee Replacement Global Outcome Study (Part of Multi-Center prospective study) In Collaboration with The Brigham and Women's Hospital and The Harvard Medical School, Boston, Massachusetts	1997-Present
Scorpio Cruciate Retaining Total Knee Arthroplasty Outcome Study	2002-Present
Modular Revision Total Hip Arthroplasty Outcome Study	2004-Present
Triathlon Cemented Total Knee Replacement Outcome Study	2005-Present
Triathlon Uncemented Total Knee Replacement Outcome Study	2008-Present
Pharmacogenomics of Opioid Analgesia after Total Hip and Total Knee Replacement (Collaboration with Portenoy RK, Cruciani R, Kobets A)	2008-Present

BIBLIOGRAPHY:

ORIGINAL COMMUNICATIONS IN PEER-REVIEWED PUBLICATIONS:

1. Volar Dislocation of the Bases of the 2nd and 3rd Metacarpals.
Harwin SF, Fox JM and Sedlin ED.
Journal of Bone and Joint Surgery. 57-A 1975.
2. Simultaneous and Spontaneous Rupture of Both Quadriceps Tendons.
Stern RE and Harwin SF.
Clinical Orthopaedics and Related Research. 197: 3/1980.
3. Anomalous Muscle Belly as an Etiology for Carpal Tunnel Syndrome.
Harwin SF and Stern RE.
Orthopaedic Review. 9:4, 4/1980.
4. Repeat Monteggia Fracture-An Unusual Occurrence.
Stern RE and Harwin SF.
Injury-The British Journal of Accident Surgery. 12:11/1980.
5. Subcutaneous Lateral Retinacular Release for Chondromalacia Patellae.
Harwin SF and Stern RE.
Clinical Orthopaedics and Related Research. 156:5/1981.
6. Total Surface Replacement of the Hip with the Wagner Prosthesis.
Harwin SF and Stern RE.
Orthopaedic Review 10:11, 11/1981.
7. The Wagner External Fixator for Skeletal Stabilization in Devascularizing Injuries to the Upper and Lower Extremities.
Stern RE, Harwin SF, Kulick RG, Sharzer L, and Strauch B.
Orthopaedic Review 13:12 12/1984.
8. Infected Uncemented Hip Arthroplasty: Preserving the Femoral Stem with a Two-Stage Procedure.
Struhl S, Harwin SF, Stern RE, Kulick RG.
Orthopaedic Review 18:6 6/1989.
9. Primary Bateman-Leinbach Bi-Polar Prosthetic Replacement of the Hip in the Treatment of Unstable Intertrochanteric Fractures in the Elderly.
Harwin SF, Stern RE, Kulick RG.
Orthopedics 13:10 10/1990.
10. Management of Ipsilateral Femoral Shaft Fractures Following Hip Arthroplasty
Stern RE, Harwin SF, Kulick RG

11. Arthroscopic Debridement for the Treatment of Osteoarthritis of the Knee.
Harwin SF, Stein A, Stern RE, Kulick RG.
American Journal of Arthroscopy 1:6 8/1991
12. The Accu-Path Threaded Acetabular Cup: Early Results and Clinical Observations.
Harwin SF, Stern RE, Kulick RG.
Orthopaedic Review 20:10 10/1991.
13. Heterotopic Ossification Following Primary Total Knee Arthroplasty.
Harwin SF, Stein A, Stern RE, Kulick RG.
Journal of Arthroplasty 8:2 4/1993.
14. Extensor Mechanism Allograft: A Case Report.
Harwin SF, Stein A, Stern RE.
Complications in Orthopaedics 8:4, 11/1993.
15. Patellofemoral Resurfacing at Total Knee Arthroplasty.
Harwin SF, Stein A, Stern RE.
Contemporary Orthopaedics 29:4. 10/1994.
16. Treatment of Sepsis of the Hip following Total Hip Arthroplasty.
Lonner BS and Harwin SF.
Contemporary Orthopaedics 31:1, 23-29, 1995
17. Chondromalacia Patella: Review Paper - Part I.
Lonner BS and Harwin, SF
Contemporary Orthopaedics 32:2, 81-86, 1996.
18. Chondromalacia Patella: Review Paper - Part II.
Lonner BS and Harwin SF
Contemporary Orthopaedics 32:2, 161-165, 1996.
19. Total Knee Arthroplasty: Keys to Successful Patellofemoral Resurfacing.
Harwin SF.
Video Journal of Orthopaedics, Vol. 11, No. 2, April, 1996.
20. The Degenerative Knee: Treatment Dilemma.
Harwin SF.
Video Journal of Orthopaedics, Vol. 11, No. 6, December, 1996.
21. Arthroscopic PCL Recession Following Total Knee Arthroplasty.
Harwin SF.
Video Journal of Orthopaedics, Vol. 12, No. 2, April 1997.
22. Immunohistochemical Analysis of Mechanoreceptors in the Human PCL.
Del Valle M, Maestro A, Murcia A, Harwin SF, Vega JA.
European J. Anat. (1) 97-103, 1997.
23. Patellofemoral Complications in Symmetrical TKA.
Harwin SF.
Journal of Arthroplasty, 13:7, 10/98.
24. Distal Femoral Anatomy and Arthroplasty of the Knee:
Maestro A, del Valle M, Caballero D, Murcia A, Harwin SF
Journal of Pathology of the Knee 3:5, 6/98.
25. The Influence of Intramedullary versus Extramedullary Alignment Guides on Final TKA
Component Position: A Radiographic Analysis.
Maestro A, Harwin SF, Sandoval MG, Vaquero DH, Murcia A.
Journal of Arthroplasty 13:5, 8/98
26. Is the Routine Pathological Examination of Surgical Specimens Worthwhile in Primary Total Knee Arthroplasty?
Pagnano MW, Forero JH, Scuderi GR, Harwin SF
Clinical Orthopaedics and Related Research, Vol. 356, 11/98.

27. Immunohistochemical Analysis of Mechanoreceptors in the Human PCL: A Demonstration of its Proprioceptive Role and Clinical Relevance
Del Valle M, Harwin SF, Maestro A, Murcia A, Vega JA.
Journal of Arthroplasty 13:8, 12/98

28. Arthroscopic Debridement for Osteoarthritis of the Knee: Predictors of Patient Satisfaction,
Harwin SF.
The Journal of Arthroscopy, Vol. 15, No. 2, 2-3/99

29. Preoperative Calculation of the Location of the Femoral Trans-Epicondylar Axis: A Combined Radiographic and Mathematical Method
Maestro A, Harwin SF, Del Valle M, Caballero D, Murcia, A.
Journal of Knee Surgery 2000, Vol. 13 No. 3, 181-187.

30. The Diagnosis and Management of the Infected Total Knee Replacement
Harwin SF
Seminars in Arthroplasty, Volume13, No. 1 (January), 2002: pp 9-22.

31. The Medial Parapatellar Approach to the Knee
Harwin SF
Journal of Knee Surgery, Winter 2003

32. Patellofemoral Resurfacing at Total Knee Arthroplasty
SF Harwin
Techniques in Knee Surgery, Volume2, Number 2, June 2003, pp. 99-108.

33. Complications of Unicompartamental Knee Arthroplasty
Harwin SF
Seminars in Orthopaedic Surgery, Volume14 Number 4, October 2003, pp. 232-244.

34. Trochanteric Heterotopic Ossification after THA Performed Using a Direct Lateral Approach
Harwin SF
Journal of Arthroplasty 20:4, 6/05, pp.467-472.

35. Yoke Collar Autograft: A Technique for Improving Calcar Contact in Collared Uncemented Primary Total Hip Arthroplasty
Harwin SF
Orthopedics 2005 28:744

36. Osteolysis of the Greater Trochanter: A Result of Bone Anchors Used for Abductor Reattachment at Total Hip Arthroplasty
Harwin SF
Journal of Arthroplasty 21:1, 1/06, pp. 97-101

37. Imaging of Total Knee Arthroplasty
Math KR, Zaidi SF, Petchprapa C, Harwin SF
Seminars in Musculoskeletal Radiology 10:1, 3/06

38. Revision Total Knee Arthroplasty Using the Kinemax Plus Superstabilizer Prosthesis: Minimum 10 Year Follow-Up
Harwin SF
The Knee 13:2, March 2006, pp, 93-97

39. Recognizing Anterior Metaphyseal Femoral Bone Loss During Uncemented Total Hip Arthroplasty: The Skylight Sign
Harwin SF
Orthopedics 30:3 March 2007, pp. 218-221.

40. Early Experience with a New Total Knee Implant: Maximizing Range of Motion and Function with Gender-Specific Sizing
Harwin SF, Greene KA, Hitt K
Surgical Technology International XVI, February 2007, pp. 199-205.

41. Femoral Neck Fracture after Healed ORIF of an Intertrochanteric Fracture
Ziets RJ and Harwin SF
The Journal of Trauma, Injury, Infection and Critical Care
Accepted for Publication, July 2007

42. Triathlon Total Knee Arthroplasty: 4 Years Experience with a High Performance Implant
Harwin SF, Greene KA, Hitt K
J Knee Surg. 2008;21:320-326
43. Repeat Fracture of the Tibial Post in Posteriorly Stabilized Total Knee Arthroplasty
Harwin SF
In Preparation
44. TSP Technique for ACL Graft Fixation
Harwin SF and Ziets RJ
In Preparation
45. Scorpio CR Total Knee Arthroplasty with Resection of the PCL: Minimum 6 Year Follow-up
Harwin SF
In Preparation

BOOKS, CHAPTERS IN BOOKS, ABSTRACTS, REVIEW ARTICLES:

1. Injuries to the Hip and Thigh. Lieberman G and Harwin SF.
Chapter in: Sports Medicine for the Primary Care Physician.
Scuderi, McCann and Bruno, Edits. Mosby, Inc. 1996.
2. Chondromalacia Patella: Review Paper - Part I: Lonner BS and Harwin SF.
Contemporary Orthopaedics, Vol. 32:2, 81-86, 1996.
3. Chondromalacia Patella: Review Paper - Part II: Lonner BS and Harwin SF.
Contemporary Orthopaedics, Vol. 32:3, 161-165, 1996.
4. How to Avoid Patellofemoral Complications at TKA: The 13 Commandments
Harwin, SF
Orthopaedic Special Edition Vol. 2, No. 1, 1996, 10-13.
5. The Morphology of the Distal Femur and its Implications for the Knee Axes: A Mathematical Method for Determining the Trans-Epicondylar Axis.
Harwin, SF, Maestro A, Del Valle M.
J. Bone and Joint Surg. (Br) 79-B, 1997.
6. Immunohistochemical Analysis of Mechanoreceptors in the Human PCL: A Demonstration of its Proprioceptive Role and Clinical Relevance.
Harwin, SF, Del Valle M, Maestro A.
J. Bone and Joint Surg. (Br) 79-B, 1997.
7. Indications and Pre-Operative Evaluation for TKA.
Harwin SF.
Chapter in: Surgical Techniques in Total Knee Arthroplasty,
Scuderi and Tria, Editors, Springer-Verlag, Publisher, New York, 1997.
8. Avoidance of Patella Pitfalls at TKA: The 13 Commandments.
Harwin SF.
American Journal of Knee Surgery, Vol. 10, No. 4, 1997
9. The Stuffed Total Knee: Recognition and Prevention.
Harwin SF.
American Journal of Knee Surgery, Vol. 10, No. 4, 1997.
10. Clinical Algorithm on Knee Pain
Rosenberg A, Harwin SF, Sculco T, Dennis D, Reilly D, Fuchs H, Bush-Joseph C, Brown C.
American Academy of Orthopaedic Surgeons, 1997.
11. Is the Routine Pathological Examination of Surgical Specimens Worthwhile in Primary Total Knee Arthroplasty?
Pagnano MW, Forero JH, Scuderi GR, Harwin SF

Orthopaedic Transactions 22:1, 1998.

12. Revision Total Knee Arthroplasty: The 10 Commandments
Harwin, SF
Orthopaedic Special Edition Vol. 5, No. 1, 1999, 33-37.
13. Primary Total Knee Arthroplasty: The 10 Commandments
Harwin, SF
Orthopaedic Special Edition Vol. 6, No. 1, 1999, 41-49.
14. Revision Total Knee Replacement
Chapter in: The Knee
Insall and Scott, Editors
Churchill, Livingstone Publishers, New York, 2000
15. The Treatment of Extra-articular Deformity at TKA
The Arthritic Knee
American Academy of Orthopaedic Surgeons
CD-ROM Instructional Course, 2000.
16. Indications and Patient Selection for TKA.
Harwin SF.
Chapter in: Surgical Techniques in Total Knee Arthroplasty,
Scuderi and Tria, Editors, Springer-Verlag, Publisher, New York, 2003.
17. Injuries to the Pelvis, Hip and Thigh
Harwin SF
Chapter in: Sports Medicine: A Comprehensive Approach, 2nd Edition
Scuderi and McCann, Editors, Elsevier-Mosby, Inc., Publishers, Philadelphia, 2003.
18. Surgical Exposures for TKA
Harwin, SF
Chapter in: Surgical Techniques for the Knee
Cushner F, Scott WN, Scuderi GR, Editors, Thieme Medical Publishers, New York, 2004
19. Orthopedic Best Practices
Harwin, SF
Chapter in *Inside the Minds - The Art and Science of Orthopaedics*
A Joint Effort: The Role of the Orthopaedic Surgeon
Aspatore, Inc., Boston, MA 2007

OTHER ACADEMIC CONTRIBUTIONS:

1. Abductor Insufficiency as a Cause for Femoral Stem Failure of Total Hip Replacement.
Harwin SF and Habermann ET
Presented at the American Orthopaedic Association,
Colorado Springs, Colorado 1981
2. Get on Track this Winter
Harwin SF
NEWSWEEK Magazine Special Supplement 1988
3. Kinemax Modular Total Knee Arthroplasty: Surgical Technique
Harwin SF
Videotape Presentation
Howmedica, Inc., Rutherford, NJ 1990
4. Heterotopic Ossification Following Primary Total Knee Arthroplasty.
Harwin SF and Stein A
Scientific Poster Exhibit at AAOS Annual Meeting.
New Orleans, Louisiana 1993
5. Kinemax Plus Total Knee Arthroplasty: Surgical Technique.
Harwin SF

- Videotape Presentation
Howmedica, Inc., Rutherford, NJ 1993
6. Kinemax Plus Total Knee System: Surgical Technique
Harwin SF
Howmedica, Inc., Rutherford, NJ 1996
 7. Kinemax Plus Superstabilizer Prosthesis: Surgical Technique
Harwin SF
Howmedica, Inc., Rutherford NJ 1996
 8. Revision Total Hip Arthroplasty with the Sentry Prosthesis
Harwin SF
Howmedica, Inc., Rutherford, NJ 1996
 9. Revision Total Knee Arthroplasty: The Superstabilizer Prosthesis
Harwin SF
Videotape Presentation
Howmedica, Inc., Rutherford, NJ 1996
 10. Arthroscopic Debridement of the Degenerative Knee: Rationale, Regime and Outcome Predictors.
Harwin, SF
Scientific Poster Exhibit, European Federation of National
Associations of Orthopaedics and Traumatology (EFORT) Congress,
Barcelona, Spain. April 1997
 11. Patellofemoral Complications in Symmetrical TKA.
Harwin, SF
Scientific Poster Exhibit, European Federation of National
Associations of Orthopaedics and Traumatology (EFORT) Congress
Barcelona, Spain April 1997
 12. Arthroscopic Debridement of the Degenerative Knee: Rationale, Regime and Outcome Predictors
Harwin SF
Scientific Poster Exhibit, 10th Combined Meeting of Orthopaedic
Associations of the English Speaking World.
Auckland, New Zealand February 1998
 13. Pre-Operative Calculation of the Femoral Trans-Epicondylar Axis:
An Adjunct to Femoral Component Positioning at TKA.
Harwin SF, Maestro A, Del Valle M, Cabellaro D, Murcia, A
Scientific Poster Exhibit, 10th Combined Meeting of Orthopaedic
Associations of the English Speaking World
Auckland, New Zealand February 1998
 14. Is the Routine Pathological Examination of Surgical Specimens Worthwhile in Primary TKA?
Pagnano MW, Forero JH, Scuderi GR, Harwin SF
Scientific Poster Exhibit, 65th Annual Meeting, AAOS
New Orleans, Louisiana March 1998
 15. The Role of CT Scan in Diagnosing Pathology in TKA
Math K, Scuderi G, Harwin SF, Scott WN
Poster Exhibit at the American Radiology Society November 2000
 16. Total Hip Arthroplasty with the Restoration PS Prosthesis
Harwin SF
Stryker Howmedica Osteonics, Inc., Allendale, NJ January 2001
 17. Physician Reimbursement: There's Something Wrong with This Picture...
Harwin SF
Harvard Health Policy Review Vol. 4, No.2 Fall, 2003
 18. The Lesson of Sam the Shirt-Maker (Guest Editorial)
Harwin SF
Orthopedics Vol. 28 No. 11 pp. 1307-1308, November, 2005

19. Triathlon Total Knee Arthroplasty: Anterior Referencing Surgical Technique
 Harwin SF, et al.
 Stryker Orthopaedics, Mahwah, NJ
 September, 2006

ACADEMIC PRESENTATIONS AND PARTICIPATION IN NATIONAL AND INTERNATIONAL CME COURSES AS VISITING PROFESSOR, VISITING OPERATING SURGEON, FACULTY MEMBER, PRESENTER, OR LECTURER:

1. Total Hip Replacement: Technique and Technology.
 University of Pennsylvania,
 Valley Forge, Pennsylvania
 June 1988
2. Total Hip Replacement
 University of California
 Monterey, California
 August 1988
3. Contemporary Concepts in Total Joint Replacement
 University of Michigan
 Southampton, Bermuda
 April 1989
4. Contemporary Concepts in Joint Arthroplasty
 University of Washington
 Sun Valley, Idaho
 December 1989
5. Total Joint Arthroplasty
 University of California at Irvine
 Dana Point, California
 July 1990
6. Total Hip Arthroplasty - The State of the Art
 Albert Einstein College of Medicine
 New York City (Course Director)
 October 1991
7. Nottingham International Knee Symposium
 University of Nottingham
 Nottingham, England
 October 1991
8. Total Knee Arthroplasty: The State of the Art
 Albert Einstein College of Medicine
 New York City (Course Director)
 October 1991
9. Total Hip and Total Knee Replacement
 The Ochsner Clinic
 New Orleans, Louisiana
 April 1992
10. International Knee Symposium
 University of Arizona
 Tucson, Arizona
 May 1992
11. Total Knee Arthroplasty
 University of Limerick
 Limerick, Ireland
 May 1992
12. Arthroscopic Surgery: Issues and Controversies
 Albert Einstein College of Medicine
 New York City (Course Director)
 October 1992
13. New Advances in Orthopaedic Surgery and Traumatology
 University of Madrid
 Madrid, Spain
 November 1992
14. Total Knee Arthroplasty
 University of Nottingham, England
 Malaga, Spain
 May 1993

15. Total Knee Replacement-1993
Harvard Medical School
Cambridge, Massachusetts April 1993
16. Total Knee Arthroplasty
University of Rotterdam
Rotterdam, The Netherlands October 1993
17. Total Knee Arthroplasty
University of Edinburgh
Edinburgh, Scotland October 1993
18. Total Hip Arthroplasty: Issues and Controversies
Albert Einstein College of Medicine
New York City (Course Director) October 1993
19. Total Knee Replacement Symposium
Beth Israel Medical Center
New York City January, 1994
20. Pathology of the Knee
University of Madrid
Madrid, Spain January 1994
21. Total Knee Replacement Symposium
Beth Israel Medical Center
New York City March 1994
22. Total Knee Replacement-1994
Harvard Medical School
Cambridge, Massachusetts April 1994
23. Total Knee Replacement: Current Issues, Problems and Solutions
Beth Israel Medical Center
New York City May 1994
24. Total Knee Arthroplasty: Issues and Controversies
Beth Israel Medical Center-North Division
New York City (Course Director) October 1994
25. The Knee: From the Womb to the Tomb
Mater Misericordia Hospital
Sydney, Australia November 1994
26. International Course on the Pathology of the Knee
University of Madrid
Madrid, Spain January 1995
27. Total Knee Replacement-1995
Harvard Medical School
Cambridge, Massachusetts April 1995
28. Combined Meeting of the Mexican Knee Society and the Arthroscopy
Association of North America
Mazatlan, Mexico June, 1995
29. Total Knee Arthroplasty
University of Cordoba
Cordoba, Argentina September, 1995
30. Arthroscopic Surgery: Issues and Controversies
Beth Israel Medical Center
New York, New York (Course Director) October 1995
31. International Course on Traumatology of the Knee and Sports Medicine
University of Madrid

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|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| | Madrid, Spain | November 1995 |
| 32. | Annual Orthopaedic Congress
Mexican Orthopaedic Society
Guest Speaker | April 1996 |
| 33. | Total Knee Replacement 1996
Harvard Medical School
Cambridge, Massachusetts | April 1996 |
| 34. | Total Knee Arthroplasty: Current Concepts
University of Limerick
Killarney, Ireland | June 1996 |
| 35. | European Federation of National Associations of Orthopaedics and
Traumatology (EFORT) 3rd Congress
Barcelona, Spain | April 1997 |
| 36. | Total Knee Replacement 1997
Harvard Medical School
Cambridge, Massachusetts | May 1997 |
| 37. | Current Techniques in Total Joint Arthroplasty
ACCME Course - Lenox Hill Hospital
New York, New York | May 1997 |
| 38. | Spanish Knee Society
Guest Lecturer
Gijon, Spain | June 1997 |
| 39. | Japanese Orthopaedic Association
Guest Lecturer
Sapporo, Japan | June 1997 |
| 40. | The Knee Society
Is the Routine Examination of Surgical Specimens Worthwhile
In Primary Total Knee Arthroplasty?
Forero JH, Pagnano MW, Scuderi GR, and Harwin SF
New York, New York | September 1997 |
| 41. | The Nottingham International Knee Symposium
Faculty Member and Guest Lecturer
Nottingham, England | October 1997 |
| 42. | American Association of Hip and Knee Surgeons, Annual Meeting
Patellofemoral Complications in Symmetrical TKA
Dallas, Texas | November 1997 |
| 43. | American Association of Hip and Knee Surgeons, Annual Meeting
Is the Routine Pathological Examination of Surgical Specimens
Worthwhile in Primary Total Knee Arthroplasty?
Forero JH, Pagnano MW, Scuderi GR, and Harwin SF
Dallas, Texas | November 1997 |
| 44. | 10th Combined Meeting of Orthopaedic Associations of the English Speaking World
Patellofemoral Complications in Symmetrical TKA
The Influence of IM vs. EM Guides on Final TKA Position
IHC Analysis of Mechanoreceptors of the Human PCL
Auckland, New Zealand | February 1998 |
| 45. | Karnataka Orthopaedic Association, 12th Annual Conference
Guest Lecturer
Patella Problems in TKA
Bangalore, India | February 1998 |
| 46. | American Academy of Orthopaedic Surgeons, 65th Annual Meeting | |

- Is the Routine Pathological Examination of Surgical Specimens
Worthwhile in Primary TKA?
Pagnano MW, Forero JH, Scuderi GR, Harwin SF
New Orleans, Louisiana March 1998
47. The Knee Society and The American Association of Hip and Knee Surgeons
Combined Scientific Meeting
Is the Routine Pathological Examination of Surgical Specimens
Worthwhile in Primary Total Knee Arthroplasty?
Pagnano MW, Forero JH, Scuderi GR, Harwin SF
New Orleans, Louisiana March 1998
48. Arthroscopy Association of North America, Annual Meeting
Arthroscopic Debridement for Osteoarthritis of the Knee:
Predictors of Patient Satisfaction
Orlando, Florida May 1998
49. Total Knee Arthroplasty: Past, Present, and Future
Guest Lecturer
Total Knee Arthroplasty - State of the Art
Seville, Spain June 1998
50. Insall Scott Kelly Institute Sports Medicine and Total Knee Symposium
Faculty Member
New York, New York September 1998
51. 5th Annual International Symposium on TKA
Visiting Professor, Keynote Speaker and Operating Surgeon
Beijing University and the Medical University of Chengdu
Peoples Republic of China October 1998
52. International Conference on Knee Replacement 1974-2024
The Institution of Mechanical Engineers (PS Walker, Chairman)
Guest Lecturer
London, England April 1999
53. Total Knee Replacement
Concepts and Technique
Guest Lecturer
Merida, Mexico May 1999
54. Total Knee Replacement - 1999
University of Amsterdam
Guest Speaker
Amsterdam, The Netherlands June 1999
55. Current Techniques in Total Knee Replacement
University of Copenhagen
Guest Speaker
Copenhagen, Denmark June 1999
56. Total Knee Arthroplasty: The State of the Art
University of Stockholm
Guest Speaker
Stockholm, Sweden June 1999
57. Insall Scott Kelly Institute Sports Medicine and Total Knee Symposium
Faculty Member
New York, New York September 1999
58. The Nottingham International Knee Symposium
Guest Speaker
University of Nottingham
Nottingham, England October 1999
59. Mexican Orthopaedic Association and The Mexican Knee Society

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| | Guest Lecturer
Guadalajara, Mexico | November 1999 |
| 60. Current Advances in Hip and Knee Joint Arthroplasty | Guest Lecturer
Tucson, Arizona | November 1999 |
| 61. Arthroscopy and Reconstructive Surgery 2000 | Guest Lecturer
Scottsdale, Arizona | January 2000 |
| 62. Insall Scott Kelly Institute Sports Medicine and Total Knee Symposium | Faculty Member
New York, New York | September 2000 |
| 63. Current Concepts in Hip Trauma and Reconstructive Hip Surgery | Faculty Member
New York Medical College
Rye, New York | October 2000 |
| 64. International Knee Congress | Faculty Member
Athens, Greece | November 2000 |
| 65. Total Knee Forum | Faculty Member
Surgeon Demonstrator
Beth Israel Medical Center
New York, New York | December 2000 |
| 66. State of the Art: Orthopaedics 2001 | Faculty Member
Whistler, British Columbia | March 2001 |
| 67. Wear Issues in Total Hip and Total Knee Arthroplasty | Chairman
Surgeon Demonstrator
New York, New York | April 2001 |
| 68. Advanced Total Knee Arthroplasty Surgical Symposium | Faculty Member
Surgeon Demonstrator
Columbus, Georgia | April 2001 |
| 69. Eastern Residents Symposium | Co-Chairman
Baltimore, Maryland | August 2001 |
| 70. ISK Sports Medicine and Total Knee Symposium | Faculty Member
New York, New York | September 2001 |
| 71. Total Knee Forum | Faculty Member
Surgeon Demonstrator
La Quinta, California | October 2001 |
| 72. Bloodless Medicine and Surgery Forum | Chairman, Orthopaedic Section
New York Academy of Medicine
New York, New York | November 2001 |
| 73. New York International Learning Center for Total Joint Replacement Symposium | Beth Israel Medical Center
Chairman | |

	Surgeon Demonstrator	November 2001
74.	Advances in Total Hip and Knee Arthroplasty Faculty Member Pinehurst, North Carolina	April 2002
75.	ISK Total Knee and Sports Medicine Symposium Faculty Member New York, New York	September, 2002
76.	7 th Annual Residents Symposium Course Chairman and Faculty Member Phoenix, Arizona	September, 2002
77.	John N. Insall Traveling Fellowship Program Faculty Member New York, New York	October 2002
78.	Contemporary Challenges and Techniques in Total Hip and Knee Arthroplasty Faculty Member Xian, China	November 2002
79.	Knee Arthroplasty: Contemporary Challenges and the Future Course Chairman and Surgeon Demonstrator New York, New York	December 2002
80.	Total Hip and Total Knee Arthroplasty Faculty Member Tucson, Arizona	October 2003
81.	Live Surgery Symposium: Hip and Knee Reconstruction Course Chairman Live Surgery Demonstrator New York, New York	December 2003
82.	Live Surgery Symposium: Hip, Knee and Shoulder Arthroplasty Course Chairman Live Surgery Demonstrator New York, New York	May 2004
83.	Advances in Surgical Technology Course Chairman Live Surgery Demonstrator New York, New York	December 2004
84.	Advances in Surgical Technology of the Hip and Knee Course Chairman Live Surgery Demonstrator New York, New York	December 2005
85.	Advances in Surgical Technology of the Hip and Knee Live Surgery Demonstrator New York, New York	December 2006
86.	Primary Total Knee Symposium Training Program Co-Chairman Homer Stryker Center Mahwah, New Jersey	July 2007
87.	Primary Total Knee Symposium Skills Program Co-Chairman Homer Stryker Center Mahwah, New Jersey	July 2007
88.	Advances in Surgical Technology Faculty Member and Lecturer New York, New York	November, 2007

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| 89. Triathlon Primary and Revision TKA
Course Chairman
Homer Stryker Center
Mahwah, New Jersey | September, 2008 |
| 89. Triathlon TKA Resident Course and Cadaver Lab
Faculty Member
Homer Stryker Center
Mahwah, New Jersey | April, 2009 |
| 90. World Wide Webcast
Treatment of Arthritis with Hip and Knee Replacement
Beth Israel Medical Center | April, 2009 |
| 90. Triathlon Champions Symposium
Faculty Member and Moderator
New Orleans, Louisiana | May, 2009 |

LECTURES GIVEN AT TOTAL KNEE ARTHROPLASTY, TOTAL HIP ARTHROPLASTY AND ARTHROSCOPIC SURGERY COURSES, MEETINGS, CONGRESSES AND WORKSHOPS:

- Alternatives to TKA
- Arthroscopic Debridement of the Arthritic Knee: Predictors of Patient Satisfaction
- Balancing Stability and Constraint in TKA
- Bloodless Orthopaedic Surgery: What is Possible
- Chondromalacia Patella
- Correction of the Severe Varus Knee at TKA
- Extra-Articular Deformity and TKA
- Heterotopic Ossification Following Primary TKA
- How to Avoid Patella Complications at TKA: The 10 Commandments
- Immunohistochemical Analysis of the Human PCL
- Indications for Patellofemoral Resurfacing at TKA
- Kinematic to Kinemax: The Evolution of the Species
- Kinemax TKA: 12 Year Experience
- Less Invasive Surgery: The Rational Approach to TKA
- Ligament Balancing at TKA
- Orthopaedic Surgery: The Bloodless Approach
- Patella Tendon Autograft for ACL Insufficiency: Surgical Technique
- Patellofemoral Complications in Symmetrical TKA
- Pre-Operative Calculation of the Femoral Trans-Epicondylar Axis: A Mathematical and Radiographic Study
- Pre-operative Evaluation for TKA
- Principles of Primary TKA
- Principles of Revision TKA
- Proprioception and TKA
- Prosthetic Selection for THA
- Revision TKA with the Superstabilizer Prosthesis: 3 – 8 Year Results
- Surgical Exposures for Primary and Revision THA
- Surgical Exposures for Primary and Revision TKA
- The ACL-Deficient Knee: Natural History

- The Influence of IM vs. EM Instrumentation on Final Positioning of TKA
- The Kinemax TKA: Surgical Technique
- The Principles of Primary THA
- The Principles of Revision THA
- The Role of Highly Cross-Linked Polyethylene in THA
- The Role of the PCL at TKA
- The Stuffed Knee: How to Recognize and Avoid It
- The Superstabilizer TKA: Surgical Technique
- The Treatment of the ACL-Deficient Knee
- The Treatment of the Infected THA
- The Treatment of the Infected TKA
- The Valgus Knee at TKA
- The Varus Knee at TKA
- Wound Management of TKA