

**CURRICULUM VITAE
HOWARD S. HIRSCH, M.D.**

EMPLOYMENT

Orthopedic Group, Inc.
588 Pawtucket Ave.
Pawtucket, RI 02860
401-722-2400

EDUCATION

Undergraduate
Medical School

Brown University, A.B. Biology, 1982
Brown University, MD 1986

POST GRADUATE TRAINING
Residency

University of California
San Francisco, CA
General Surgery Internship & Residency
June 1986 through June 1988

University of Oklahoma Health Sciences
Center
Oklahoma City, OK
Orthopedic Surgery Residency
July 1988 through June 1992

Fellowship

AO Traumatology Fellowship
Neuchatel, Switzerland
Summer 1991

University Of Pennsylvania
Philadelphia, PA
Joint Implant Fellowship
August 1992 through July 1993

POST GRADUATE HONORS AND AWARDS

Chief Orthopedic Resident,
University of Oklahoma
Human Anatomy Prosector, 1983

Received Summer research Assistantships,
1982 and 1983

Elected to Sigma Xi 1982

Received Honors in Biology and Medicine
for maintaining a high GPA and
successfully defending an honors thesis,
1982

Graduated Brown University Magna Cum
Laude, 1982

Optimist Club Scholarship, 1978-1982

National Merit Scholarship, 1978

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

Rhode Island MD 1993

American Board of Orthopedic Surgeons
1995

Massachusetts MD 1999

ACADEMIC APPOINTMENTS

Clinical Assistant Professor
Dept. of Orthopedic Surgery
Brown University - 1996 to present

HOSPITAL APPOINTMENTS

Rhode Island Hospital 1996 - 2012
Active Staff

The Miriam Hospital 1993 - 2012
Active Staff

Sturdy Memorial Hospital 1999 - 2012

Active Staff

Roger Williams Medical Center 1999 - 2012
Active Staff

Landmark Medical Center 2007 - 2012
Courtesy Staff

HOSPITAL COMMITTEE

The Miriam Hospital Joint Replacement Services
2009

The Miriam Hospital Credentials Committee
Chairman 2007 – 2008

MEMBERSHIP IN SOCIETIES

American Board of Orthopedic Surgeons 1995-
2015

Rhode Island Orthopedic Society 1993 - Present

Rhode Island Medical Society 1993 - Present

Sigma Xi 1982 - Present

PUBLICATION LIST

Yates, C.K., McCarthy, M.R., and Hirsch, H.S.,
"Effects of Continuous Passive Motion Following
ACL Reconstruction with Autogenous Patellar
Tendon Grafts: A Prospective Randomized Study."
"Journal of Sport Rehabilitation". 1:121-131;1992.

Lotke, P.A., Corces, A., Williams, J.A. and Hirsch,
H.S. "Strain Characteristics of the Posterior
Cruciate Ligament After Total Knee Arthroplasty".
J. Knee Surg. 6:104-106,1993.

Hirsch, H.S., Lotke, P.A., and Morrison, L. D. "The
Posterior Cruciate Ligament in Total Knee
Surgery: Save, Sacrifice or Substitute?" Clinical
Orthopedics. 309: 64-68,1994.

Hirsch, H.S. and Lotke, P.A. "Orthoses in Total Joint Replacement." Chapter in Atlas of Orthoses and Assistive Devices, Mosby: Saint Louis, Missouri, 1997

Hirsch, H.S. "Total Joint Replacement: A Cost-Effective Procedure for the 1990's." *Medicine Health Rhode Island*. 81: 162-164, 1998

ORIGINAL PUBLICATIONS IN PEER-REVIEW JOURNALS

Yates, C.K., McCarthy, M.R., and Hirsch, H.S., "Effects of Continuous Passive Motion Following ACL Reconstruction with Autogenous Patellar Tendon Grafts: A Prospective Randomized Study. *Journal of Sport Rehabilitation*". 1:121-131;1992.

Lotke, P.A., Corces, A., Williams, J.A. and Hirsch, H.S. "Strain Characteristics of the Posterior Cruciate Ligament After Total Knee Arthroplasty". *J. Knee Surg*. 6:104-106,1993.

Hirsch, H.S., Lotke, P.A., and Morrison, L. D. " The Posterior Cruciate Ligament in Total Knee Surgery: Save, Sacrifice or Substitute?" *Clinical Orthopedics*. 309: 64-68,1994.

Hirsch, H.S. and Lotke, P.A. "Orthoses in Total Joint Replacement." Chapter in Atlas of Orthoses and Assistive Devices, Mosby: Saint Louis, Missouri, 1997

Hirsch, H.S. "Total Joint Replacement: A Cost-Effective Procedure for the 1990's." *Medicine Health Rhode Island*. 81: 162-164, 1998

OTHER PEER-REVIEWED PUBLICATIONS

Hirsch, H.S. and Lotke, P.A. "Orthoses in Total Joint Replacement." Chapter in Atlas of Orthoses and Assistive Devices, Mosby: Saint Louis, Missouri, 1997

Hirsch, H.S. "Total Joint Replacement: A Cost-Effective Procedure for the 1990's." *Medicine Health Rhode Island*. 81: 162-164, 1998

INVITED PRESENTATIONS

"Characterization of Schistosomal Hemoglobinase." Honors These Presentation, Brown University, Providence, R.I. 1982.

"HPLC Isolation Techniques for Recovery of Schistosomal Hemoglobinase." New England Pharmacologists winter meeting. Woods Hole, Massachusetts. 1983

"Anatomic and Pathophysiologic Considerations in Peripheral Nerve Injuries." University of Oklahoma Orthopedic Basic Science Lecture, Oklahoma City, OK 1989

"The Early Effects of Continuous Passive Motion Following ACL Reconstruction with Autogenous Patellar Tendon Grafts: A Prospective Randomized Study." University of Oklahoma Visiting Orthopedic Professorship, Oklahoma City, OK 1990

"Clinical Experience with Supracondyle Femur Fractures after Total Knee Arthroplasty." University of Oklahoma Visiting Orthopedic Professorship, Oklahoma City, OK 1991.

"Clinical Experience with Supracondyle Femur Fractures after Total Knee Arthroplasty." Oklahoma State Orthopedic Society, Oklahoma City, OK. 1992

"The effect of Dome Screw Fixation on the Immediate Stability of Hemispheric Acetabular Implants." University of Oklahoma Visiting Orthopedic Professorship, Oklahoma City, OK. 1992

"The Posterior Cruciate Ligament in Total Knee Surgery: Save, Sacrifice or Substitute." University of Pennsylvania Orthopedic Research Symposium, Philadelphia, P.A. 1993

"The Posterior Cruciate Ligament in Total Knee Surgery: Save, Sacrifice or Substitute." American Academy of Orthopedic Surgeons. New Orleans, LA. 1994

"Advantages of Staged, Bilateral Total Hip Arthroplasty During a Single Hospital Admission." Association Research Circulation Osseous. Vienna Austria. 1995

"A Case Report of Pseudogout in an Adolescent." American College of Rheumatology Scientific Program, Newport, Rhode Island 1995

"Advantages of Staged, Bilateral Total Hip Arthroplasty (THA) During a Single Hospital Admission." American Academy of

"PCL Retention is Counter Productive in the Quest for Consistently Successful Total Knee Arthroplasty" Adult Orthopedic Conference, Barceló Maya, Mexico 2008

"What's New in Total Joint Replacement" Reconstructive Orthopedic and Total Joint Seminar, Warwick, Rhode Island, 2008

"Blade Stems" Adult Orthopedic Conference, Barceló Maya, Mexico, 2008

"The Case Against Navigation in Total Knee Arthroplasty" Orthopedic Education Seminar, Snowbird, Utah, 2009

TEACHING EXPERIENCE

Orthopedics for Primary Care Residents, Brown University, Department of Medicine, 1997 – Present.

Knee Anatomy Prosector, University of Pennsylvania, Department of Orthopedic Surgery, 1993.

Laboratory Instructor for undergraduates in course in human biology, 1984 and 1985.

Human Anatomy Prosector, 1983.

GRANTS

Johnson & Johnson: 1995-1998, principal investigator. Study comparing functional outcome in posterior cruciate ligament retaining and substituting total knee replacement.

SPECIAL SKILLS

Photography (published in newspaper feature articles).

FOREIGN LANGUAGE

French: Excellent reading, speaking, and writing.