

THOMAS CLARK BARBER, M.D.

Associate Deputy Physician in Chief, PeriOperative Services
Memorial Sloan Kettering Cancer Center
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Experience

- UNIVERSITY OF CALIFORNIA, SAN FRANCISCO** San Francisco, CA
Professor of Orthopedic Surgery, Total Joint Replacement 2023-present
- MEMORIAL SLOAN KETTERING CANCER CENTER** New York, NY
Associate Deputy Physician in Chief, PeriOperative Services, MSK 2020-2023
- Strategic Leadership for Surgical Services, and the Operating Room
 - Medical Board
- UNIVERSITY OF CALIFORNIA, SAN FRANCISCO** San Francisco, CA
Vice President, PeriOperative Services, University of California at San Francisco 2017-2020
- Strategic Leadership for Surgical Services, and the Operating Room
 - Operational Oversight of Surgical Services and the Operating Room
 - Chair, UCSF Capital Committee (\$153 million budget)
- Professor of Orthopedic Surgery, University of California, San Francisco* 2017-2020
- Total Joint Replacement
- CALIFORNIA INSTITUTE FOR IMPROVING ARTHROPLASTY** 2019-2020
Medical Director
- Quality Consortium, focus on quality improvement in California
- KAISER PERMANENTE** Oakland, CA
Associate Physician in Chief, Oakland Medical Center, TPMG 2005-2017
- Population Health Management
 - Oversee Information Technology in the Medical Center
 - Oversee and Manage Operating Room Function
 - Oversee Graduate Medical Education (107 residents in 7 specialties)
 - Oversee Tertiary Care (67 specialties)
- Chair of the Orthopedic Chiefs Group, The Permanente Medical Group* 2001-2005
- Coordinate Efforts of Orthopedic Chiefs to Achieve Service & Access Targets
 - Part of the Total Joint Contracting Team (2000-2003)
 - A Member of the Orthopedic National Functional Group (Contracting Entity for TPMG)
 - Liaison for Regional Issues/Questions with Orthopedic Surgery
 - Consultant to the National Health Service in England about Orthopedic Issues (2003)
- Assistant Physician in Chief, Oakland Medical Center, TPMG* 2001-2005
- Oversee Information Technology in the Medical Center
 - Oversee and Manage Durable Medical Equipment
 - Oversee and Manage Richmond Hospital OR Expansion
 - Oversee and Manage Hospital Repatriations
- Chief, Department of Orthopaedics* 1999-2006
- Manage a 25-member department
- Orthopaedic Surgeon* West Hartford, CT
1993-1999
- Orthopaedic surgeon within a multispecialty group practice

<i>Associate Medical Director, Kaiser Permanente Connecticut</i>	1997-1998
<i>Northeast Regional Chief, Surgical Specialties</i>	1996-1998
<i>Chief, Surgical Specialties Department</i>	1995-1998
<i>Instructor, Medicine & Management Course</i>	1995-1998
<i>Physician-in-Chief West Hartford Facility</i>	1995-1997
<i>Chief, Department of Orthopaedic Surgery</i>	1994-1995
MENLO MEDICAL CLINIC <i>Orthopaedic Surgeon - private practice</i>	Menlo Park, CA 1992-1993
NEW ENGLAND MEDICAL CENTER <i>Programmer and Analysis, Medicare DRG work</i>	Boston, MA Summer 1983 & 1984

Education

UNIVERSITY OF ROCHESTER SCHOOL OF MEDICINE <i>M.D.</i>	Rochester, NY 1986
HARVARD COLLEGE <i>A.B., Cum Laude, Concentration: Economics</i>	Cambridge, MA 1982

Training

California HealthCare Foundation: 2 year Medical Leadership Program <i>Training focusing on leadership in medicine</i>	San Francisco, CA 2010-2012
KAISER PERMANENTE <i>Medicine & Management, several session course on managing in the medical world</i>	Dallas, TX 1995-1996
STANFORD UNIVERSITY <i>Fellow in Reconstructive Surgery</i> <i>Clinical Instructor in Orthopaedics</i>	Stanford, CA 1991-1992
BOSTON UNIVERSITY ORTHOPAEDIC RESIDENCY PROGRAM <i>Resident in Orthopaedic Surgery</i>	Boston, MA 1987-1991
UNIVERSITY OF ROCHESTER SURGICAL RESIDENCY PROGRAM <i>Intern in General Surgery</i>	Rochester, NY 1986-1987

Publications and Presentations:

Total Joint Replacement and Readmission Rate: CK Chang, T Barber, O Ajayi, E Rosas, TS Peacock, MP Clopp, Accepted, NSQIP Annual Conference, San Diego, July 2016

Defining an International Standard Set of Outcome Measures for Patients with Hip or Knee Osteoarthritis: Consensus of the International Consortium for Health Outcomes Measurement Hip and Knee Osteoarthritis Working Group, Rolfson, Wissig, Maasackers, Stowell, Ackerman, Ayers, Barber, Benzakour, Bozic, Budhiparama, Accepted, In Press, February 2016

Risk Calculators Predict Failures of Knee and Hip Arthroplasties: Findings from a Large Health Maintenance Organization, E. Paxton, M, Ignacio, M. Khatold, E. Yue, T. Funahashi, T. Barber, Clinical Orthopedics and Related Research, Sep 2015

Multinational Comprehensive Evaluation of the Fixation Method used in Hip Replacement: Interaction with Age in Context, Stea, S, Sedrakyan A, Havelin L, Marinelli M, Barber T, Paxton E, Banerjee S, Isaacs AJ, Graves S, Journal of Bone and Joint Surgery American, Dec 17, 2014: 96, Suppl: 1:42-51

Comparative Effectiveness of Ceramic-on-Ceramic Implants in Stemmed Hip Replacement: A Multinational Study of Six National and Regional Registries, Sedrakyan A, Graves S, , Bordini B, Pons M, Havelin L, Mehle S, Paxton E, Barber T, Cafri G, Journal of Bone and Joint Surgery American, Dec 17, 2014: 96, Suppl: 1:34-41

Effect of Femoral Head Size on Metal-on-HXLPE Hip Arthroplasty Outcome in a Combined Analysis of Six National and Regional Registries, Allepuz A, Havelin L, Barber T, Sedrayan A, Graves S, Bordini B, Hoeffel D, Cafri G, Paxton E., Journal of Bone and Joint Surgery American, Dec 17, 2014: 96, Suppl: 1:12-18

Bariatric Surgery prior to Total Joint Arthroplasty may not provide dramatic improvements in Post –Arthroplasty Surgical Outcomes, Inacio MC, Paxton EW, Fisher D, Li RA, Barber TC, Singh JA, Journal of Arthroplasty, July, 2014: 29:7:1359-64

Kaiser Permanente Implant Registries Benefit Patient Safety, Quality Improvement, Cost-Effectiveness., Paxton EW, Kiley ML, Love R, Barber TC, Funahashi TT, Inacio MC Jt Comm Journal of Quality and Patient Safety, June, 2013: 39 (6):246-52

The International Consortium of Orthopedic Registries: overview and summary, Sedrakyan A, Paxton EW, Phillips C, Namba R, Funahashi T, Barber T, SCulco T, Padgett D, Wright T, Marinac-Dabic D, Journal of Bone and Joint Surgery American, Dec 21, 2011: 93 Suppl 3:1-12

Evaluation of the Accuracy and use of X-ray Markers in Digital Templating for Total Hip Arthroplasty, Bayne CO, Krosin M, Barber TC Journal of Arthroplasty, April, 2009: 24 (3):407-13

An Analysis of the Risk of Hip Dislocation with a Contemporary Total Joint Registry, Khatod M, Barber T, Paxton E, Namba R, Fithian D, Clinical Orthopedics and Related Research, June, 2006: 447:19-25

Early Outcome of Total Hip Arthroplasty Using the Direct Lateral vs The Posterior Surgical Approach, Thomas C. Barber M.D., Douglas J. Roger, M.D., Stuart Goodman, M.D., Ph.D., David Schurman, M.D., Orthopedics, October 1996, Vol. 19, Number 10

Flat versus Conical Collars, Comparison of Medial Calcar Bone Loss at 3 Year Follow-up, Thomas C. Barber, M.D., David Schurman, M.D., Stuart Goodman, MD., and Steven Woolson, M.D. Clinical Orthopedics & Related Research.

Economic Considerations in Total Hip Arthroplasty, 1981-1990, Thomas C. Barber, M.D., and William Healy, M.D., The Journal of Bone and Joint Surgery, March 1993.

High Tibial Osteotomies: A Review, William Healy, M.D., Thomas C. Barber, M.D., The Journal of Knee Surgery, April 1990, Vol. 3, #2.

Cholesterolsulfotransferase in New Born Mouse Epidermis, Ervin Epstein, Jr., M.D., Thomas C. Barber, M.D., Jeanette Bonifas, M.D., and Matthew Haynes, M.D., Journal of Investigative Dermatology, May 1984, Vol. 83, #5, page 332.

Presentations and Posters at National & Regional Meetings:

Bundled Payments: The Science, The Myths, and the Operational Challenges, Brigham and Women's Grand Rounds, March 30 , 2016

Payment Reform: Update on a Moving Target, Instructional Course, AAOS Annual Meeting, Orlando, 2016
Large Volume Total Joint Centers: Centers of Excellence? Better Models?, AOA meeting, Providence, RI June 2015

Quality Metrics Overview, New Mexico Orthopedics Offsite, October 2015

Changes in Medicare reimbursement programs, MIPS and MACRA, New Mexico Orthopedic Offsite, October 2015

Payment Reform: Update on a Moving Target, Instructional Course, AAOS Annual Meeting, Las Vegas, 2015

Government Direction in Value Based Programs, Council on Advocacy, AAOS, September 2014

Providers and Performance Metrics, Orthopedic Quality Institute, November 2014. *Joint Replacement Registries: Using the Data to Improve Patient Outcome*: Symposia, AAOS Annual Meeting, 2012

Government Direction in Value Based Programs, Fall Meeting of the AAOS Board of Councilors, September 2014

The Utility of a Total Joint Registry in Quality Improvement, Symposia: Health Care Reform: How Can We Adapt, AAOS Annual Meeting 2014

The Relative Risk of Early Aseptic Revision for Surface Replacement Arthroplasty, Poster, AAOS Annual Meeting 2013

Leadership Skills in the Operating Room: Instructional Course Lecture, AAOS Annual Meeting, 2012

Comparison of Total Knee Replacement Outcomes in Patients Above and Below Age 65: A Limitation of Medicare Analysis: AAOS Annual meeting, Podium Presentation, 2010

Limitations of Hospital Administrative Databases for Assessment of Total Hip Replacement Outcomes: AAOS Annual Meeting, Poster 2008

Evaluation of the Accuracy and Utility of X-Ray Markers in Digital Templating: AAOS Annual meeting, podium presentation 2008

Correlation of Hospital Administrative Data with Actual Complication Rates in Total Joint Arthroplasty, Poster Presentation, AAOS Annual Meeting, March 2008

Does Disposition Following Primary Total Joint Replacement Affect Re-Admission Rates?: AAOS Annual Meeting, 2006

Analysis of the Critical Factors in the Dislocation of Total Hip Prostheses: Results from a Large Community Based Total Joint Registry, Poster at the American Academy of Orthopedic Surgery Annual Meeting, 2004, Washington, D.C

Minimally Invasive Total Hip Replacement: A series of consecutive Total Hip Arthroplasties done via the Two Incision Technique: Presented at the October, 2004 Western Orthopedic Association, San Francisco, CA. Dr Aaron Salyapongse, and Dr. Thomas Barber.

The Conical Collar in Total Hip Arthroplasty, Five Year Follow-up, Thomas C. Barber, M.D., David Schurman, M.D., Stuart Goodman, M.D., and William Hewson, B.S., Presented as a Poster Exhibit at The American Academy of Orthopaedic Surgery, 1993.

Resorption of the Femoral Calcar in Total Hip Arthroplasty: Flat vs. Conical Collars, Thomas C. Barber, M.D., David Schurman, M.D., Stuart Goodman, M.D., and Steven Woolson, M.D. Presented at the annual meeting of the Association of Bone and Joint Surgeons, May 1993.

Economic Considerations in Total Hip Arthroplasty, 1981-1990, Thomas C. Barber, M.D., and William Healy, M.D., Presented at The American Academy of Orthopaedic Surgery, February 1992.

Teaching Appointments

University of California, San Francisco
Professor of Orthopedic Surgery

San Francisco, CA
2017-2020

San Francisco Orthopedic Training Program
Instructor in Orthopedic Surgery

Oakland, CA
1999-2017

University of Connecticut
Assistant Clinical Professor

Farmington, CT
1993-1998

Stanford University
Clinical Instructor

Stanford, CA
1991-1993

Licensure

- California #G071463
- Connecticut #033293 (inactive)
- Massachusetts #58107 (inactive)
- New York #302508-01

Certification

- National Board of Medical Examiners (ID#320783)
- American Board of Orthopedic Surgery, Board Certified July 1995

Hospital Affiliations

- Memorial Sloan Kettering Cancer Center

Committees & Appointments

AMERICAN ACADEMY OF ORTHOPEDIC SURGERY

- Chair, Council on Advocacy (2012-2016)
- Chair, Board of Councilors (this is our National House of Representatives)
- Board Member (2007-2010)
- Member, Committee on A National Total Joint Registry (2002-present)
- Member, Committee on Health Care Delivery (1999 to 2004)
- Member, Committee on Prevention of Medical Errors (2001 to 2003)
- AAOS Representative, Practicing Physician Advisory Council to The National Committee on Quality Assurance (2000-2001)

KAISER PERMANENTE, Projects and Committees

- Oversight Board for the Kaiser National Total Joint Registry
- Chair of the CyberKaiser Development Team
- Member of the Orthopedic/Occupation Health Roll Out Team
- Member Kaiser National HealthConnect Content Team
- Member , HealthConnect DBVs, Inpatient and Orthopedic Surgery
- Chairman, Local Products Committee, Oakland
- Orthopedic National Functional Group
- Total Joint Contracting Group
- Regional Quality and Resource Management Committee, Surgical Representative
- National Orthopedic Task Force, Northeast Regional Representative
- Primary Care Redesign, Referrals Subcommittee
- Regional Clinical Information Systems Applications Committee
- Chairman, Clinical Chief's Referral Cost Reduction Task Force
- Hartford Area Leadership Council

Awards:

- James O Johnson Orthopedic Leadership Award, 2008
- James O Johnston Orthopedic Leadership Award Runner Up, Kaiser Permanente, 2007
- Sidney Garfield Exceptional Contribution Award, TPMG, 2008 – for Secure Messaging
- Kaiser Permanente Vohs Quality Award, 2008 – for the Kaiser Total Joint Registry

Projects:

- Team Leader, CyberKaiser – secure patient messaging between physicians and patients 2001
- Team Leader, USB Personal Portable Electronic Medical Record, 2008