

Curriculum Vitae

NAME: Stephen Lloyd Kates, MD

HOME ADDRESS: 8049 Barony Woods
Pittsford, NY 14534

DATE OF BIRTH: 10/30/59

PLACE OF BIRTH: Philadelphia, PA

MARITAL STATUS: Married with two daughters

EDUCATION:

| SCHOOL/HOSPITAL | LOCATION | DEGREE | YEAR |
|-------------------------|---------------|----------------|---------|
| Northwestern University | Evanston, IL | B.S. | 1982 |
| Northwestern University | Chicago, IL | M.D. | 1984 |
| Northwestern University | Chicago, IL | Resident/Surg. | 1984-86 |
| University of Rochester | Rochester, NY | Resident/Ortho | 1986-89 |

BOARD EXAMINATIONS:

National Board of Medical Examiners 07/02/85
American Board of Orthopaedic Surgery 07/10/92
American Board of Orthopaedic Surgery 07/21/99-Recertified

LICENSURE:

New York State #165777-1
DEA BK0529618

HONORS and AWARDS

Member Alpha Omega Medical Honor Society – 1983.

Director, 1989 American Orthopaedic Association Residents' Conference.

John States, MD Prize – 1990, Rochester General Hospital.

6/2000 University of Rochester Affiliated Hospitals Orthopaedic Teaching Award, in recognition of an outstanding contribution to resident education.

5/2001 University of Rochester Affiliated Hospitals Orthopaedic Teaching Award, in recognition of an outstanding contribution to resident education.

5/2005 University of Rochester Affiliated Hospitals Orthopaedic Teaching Award, in recognition of an outstanding contribution to resident education.

2006 Rochester Business Journal Healthcare Achievement Award for Healthcare Innovation.

2006 America's Top Surgeons

2008 America's Top Surgeons

PROFESSIONAL SOCIETIES:

American Medical Association
Rochester Orthopaedic Society
American Orthopaedic Foot and Ankle Society
Monroe County Medical Society
New York State Medical Society
Fellow, American Academy of Orthopaedic Surgeons
Member American Geriatrics Society

EMPLOYMENT EXPERIENCE:

Orthopaedic Surgeon, Rochester Medical Group, 7/89 to 12/90.

Group Private Practice, 1/91 to 10/95.

Solo Private Practice 10/95 to present.

HOSPITAL PRIVILEGES:

Associate Attending Orthopaedics, Rochester General Hospital, 8/89 to 12/94.
Courtesy Attending Orthopaedics, Rochester General Hospital, 1/95 to 11/30/02.
Attending Orthopaedics, Highland Hospital, 8/89 to present.
Attending Orthopaedics, Strong Memorial Hospital, 8/89 to 7/90 and 1/91 to present.
Attending Orthopaedics, The Genesee Hospital, 1/95 to 3/31/97.
Senior Orthopaedic Attending, The Genesee Hospital, 4/1/97 to 4/30/99.
Courtesy Attending Orthopaedics, The Genesee Hospital, 5/1/99 to 5/30/01.
Courtesy Attending Orthopaedics, Unity Hospital, 2006 to present

Leadership Positions

Highland Hospital Medical Staff Treasurer 2006-7
Highland Hospital Medical Staff President –Elect 2008
Program Director, Geriatric Fracture Center, Highland Hospital; 2004 to present

FACULTY APPOINTMENTS:

Clinical Instructor Orthopaedics, University of Rochester , 8/89 to 2004
Clinical Assistant Professor, University of Rochester 2005 to present
1999 Faculty Appointment, Rochester Institute of Technology, Adjunct Clinical Faculty,
Physician Assistant Program.
AO Trauma Faculty, AO North America 2003 to present

Committee Service:

Highland Hospital Operating Room Committee 1995 to present
Highland Hospital Medical Executive Committee, 2006- to present
Highland Hospital Six Sigma OR Turnaround time committee 2008

PUBLICATIONS:

Kates, S.L., Harris, G.D., and Nagle, D.J. (1986). Leukonychia Totalis, Journal of Hand Surgery, 11B: 465-6.

Hughes, S., Voit, G., and Kates, S.L. (1991). The Role of Computerized Tomography in the Diagnosis of an Occult Femoral Neck Fracture Associated with an Ipsilateral Femoral Shaft Fracture. The Journal of Trauma. 1991 February; 31(2) 296-8.

Alioto, R.J., and Kates, S.L. (1994). Intraarticular Vertical Dislocation of the Patella: Case Report of an Irreducible Patellar Dislocation and Unique Surgical Technique. The Journal of Trauma. 1994 Feb.; 36(2) 282-4.

Kates, SL, Kates, OS , Mendelson, DA (2007)

Advances in the Medical Management of Osteoporosis, Injury Vol 38, S3, Sept 2007

Friedman, S, Mendelson, D.A., Kates, S.L. and McCann, R.M.
Geriatric co-management of proximal femur fractures: Total quality management and protocol driven care result in improved outcomes for a frail patient population , JAGS, 2008 Models of Care Vol.56, Issue 7

**NATIONAL PRESENTATION/POSTER EXHIBIT
NATIONAL COLLEGE OF RHEUMATOLOGY 1994**

Cortical Abnormalities in Patient with Reflex Sympathetic Dystrophy. C. Ritchlin. R. Chabot. S. Kates. C. Swanger. S. Parmer. W. Pearson. D. Rogers. J. Thanik.

AMERICAN GERIATRIC SOCIETY POSTER EXHIBIT MAY 2006

Surgical Management of Hip Pain in a Hospice Patient. Suzanne M. Gillespie, MD, RD. Stephen Kates, MD. Daniel Mendelson, MS, MD.

**AMERICAN GERIATRICS SOCIETY POSTER EXHIBIT MAY 2007-
Presidential Section**

**The Geriatric Fracture Center (GFC):
Co-management & Total Quality Management of Proximal Femur Fractures
Improves Care**

DA Mendelson, SM Friedman, SL Kates , KW Bingham, RM McCann

**American Geriatrics Society Poster Exhibits May 3 2008 –Presidential
Section**

**Financial Impact of an Organized Geriatric Fracture Program: A Retrospective
Analysis**

SL Kates, DA Mendelson, RM McCann, K Bingham, SM Friedman

**Comparison of Process and Outcome Measures
between a Co-managed Geriatric Fracture Center and Usual Care**

Susan Friedman, MD, MPH, AGSF; Daniel Mendelson, MD, MS; Karilee Bingham, RN, BS; Jun-Beom Kwon, MD; & Stephen Kates, MD

Dementia as a Predictor for Adverse Outcomes in Hip Fracture Patients

H.U. Chengazi, D.A. Mendelson, MS, MD, S.L. Kates, MD, S.M. Friedman, MD, MPH,

Editorial Position

Paper Reviewer: *Clinical Orthopaedics and Related Research*.

Grant Support

John A. Hartford Foundation /American Geriatrics Society Geriatrics for Specialty Residents award – Co-PI with Regis O’Keefe, MD, PhD and Daniel A. Mendelson, MS, MD. 2 year grant for resident education 2007- 2009

Synthes (Industrial Grant) 2007 to 2008 for support of research assistant position on Geriatric Fracture Care - Principal Investigator

AO Research Foundation: 2008-10 Translation of the Geriatric Fracture Center Model to an Academic Medical Center – Principal Investigator

Presentations

- 05/09/95 Reliance Insurance RSD for Insurance and Rehab Personnel.
- 06/22/95 Academy of Medicine “Hip Fractures” for Geriatricians.
- 09/08/95 Biomet Sales Meeting Primary and Revision of Soft Tissue Management in Total knee surgery.

- 08/09/06 AO/ASIF Orthopaedic Trauma: Team Approach to Fracture Management. A Basic Course for Operating Room Personnel. Plating Principles and Functions. Practical Table Instruction.

- 2/13/97 Family Medicine Program at Highland Hospital: “Injuries to Lower Extremities.”

- 3/14/97 Arbor Hill Nursing Home: “Orthopaedic Intervention-Progression to Mobility Rehabilitation.”

- 3/26/97 RSD Education and Support Group Meeting: “Reflex Sympathetic Dystrophy.”

- 11/15/97 The Department of Orthopaedics at Highland Hospital: “Orthopaedic City-Wide Grand Rounds, Orthopaedic Surgery in Rochester Prior to 1920.”

- 05/02/00 “Orthopaedic Surgery in Rochester 100 Years Ago” Monroe County Medical Society Retired Physicians Section.
- 05/05/01 Instructor: AO/Rochester Operating Room Personnel Fracture Seminar. Large Fragment Instruments and Implants: “Design and Function of Large Screws and Plates.”
Workshop: Lag screw, Neutralization, and Buttress plating.
- 01/03/02 “Managing Medical Failures” Strong Memorial Hospital Department of Orthopaedics Grand Rounds.
- 04/05/02-04/06/02 Faculty: AO/ASIF Operating Room Personnel Course; Rochester, NY
“Orthopaedic Trauma: Team Approach to Fracture Management.”
“Design and function of Large fragment AO ASIF Screws”
“External Fixation, Indications and Techniques”
- 04/03/03-04/06/03 Faculty: AO Resident’s Course; Rochester, NY
“Principles of Fracture Management.”
Table Instructor.
- 8/08/03 “Concepts in Locked Plating. A Trauma Symposium. “Forearm Fractures.” Hershey Medical Center. Hershey, PA
- 09/30/04 Key Note Address. Synthes National Fall Meeting.
“DHHS - Early Results.” Tucson, AZ
- 03/12/05-03/18/05 Faculty: AO “Principles and Advanced Fracture Course.”
Sun Valley, Idaho
- 05/19/06-05/20/06 **Course Co-Chairman**, AO ASIF Course, “Management of the Geriatric Fracture Patient.” Rochester, NY.
Lectures:
“How to Deal with Difficult Fractures and Complicated Cases.”
“Strategies for Implementation of a Co-Managed Geriatric Fracture Program.”
- 03/23/07-03/24/07 **Course Chairman**, “Geriatric Fracture Management”
Focus on Proximal Femur. Milan, Italy.
Lectures: Per- trochanteric Fractures
Subtrochanteric Fractures
Complex Fracture Management
Strategies for Implementation of a Geriatric Fracture Center
- 06/28/07-06/29/07 Faculty, “Treatment Options for Difficult Fractures.” Advanced Technology Symposium. Verona, NY.
“Biomechanics of Intramedullary Nailing.”

- 07/19-21/07 **Course Chairman** AO Geriatric Fracture Management, Baltimore
 “Difficult and Complicated Case management”
 “Strategies for Implementation of a Co-Managed Program”
- 09/13-15/07 Regional Trauma Summit AO course Faculty, Cleveland, OH
 “The not so simple ankle fracture”
 “Fragility Fractures”
 “Petrochanteric Fractures”
- 12/4/07-
 12/6/07 **Course Co-Chairman** AO Geriatric Fracture Course, Davos, Switzerland
 Lectures: “Co-morbidity/Femoral Neck Fractures.”
 State of the Art: Femoral Neck Fracture..
 Moderator, Small Group discussion leader
- 1/25/08-
 1/27/08 Faculty, AO Course in Geriatric Fracture Management, Hong Kong
 Lectures: “Osteoporotic Bone: How it Differs from Normal Bone.”
 “Augmentation and Osteobiologics: Techniques for use.”
 “Early or Delayed Surgery.”
 “Femoral Neck Fracture-State of the Art.”
 Practical Exercise-DHHS for Intertrochanteric Fractures.
 “Ankle Fractures in Geriatric Patients Including Charcot.”
 Practical Exercise-Proximal Tibia Fracture (including rafting
 Techniques and Norian Demonstration Kit.)
 “How to Fix Osteoporotic Bone”
 “Complicated Case Management and Special Consideration
 for Surgery in the Geriatric Patient-Tips and Tricks.”
 “Strategies for Implementation of a Co-Managed Geriatric
 Fracture Program.”
- 3/12/08 Visiting Lecturer, Oxford University - John Radcliffe Hospital
 “Geriatric Fracture Center, an American Holistic Model of Care”
 Oxford, UK
- 3/13/08 Faculty, “First Stanmore Fragility Fractures Course”, Sponsored by British
 Orthopaedic Association and British Geriatric Society. Royal National
 Orthopaedic Hospital, Stanmore, UK
- 5/4/08 Geriatric Fracture Management, Symposium at American Geriatrics
 Society Meeting, Washington, DC “Fragility Fractures, The Tsunami”
- 5/15/08 Visiting Professor, University of Calgary “Geriatric Fracture Center, a
 collaborative program” (sponsorship by “Calgary Bone and Joint
 Program”)

- 5/30/08 Chief Resident Immersion Training in Geriatrics Faculty, American Geriatric Society, University of Rochester
- 6/1/08 to
6/6/08 AO Advanced Principles Course, Marco Island Florida, Faculty
AO Basic Principles Course, Marco Island Florida, Faculty
Advanced Lectures: “Geriatric Trauma Overview”
“Co-Management, Geriatric Fracture Programs”
“Surgical Strategies in Osteoporotic Bone”
“Osteoporotic Bone – How it differs from Normal Bone”
“Use and Biology of Allografts in Fracture Surgery”
Basic Lecture: “Fragility Fractures – An Overview”
- 7-12-08 Guest Speaker Synthes National Management Meeting, Chicago, IL
Lectures: “Geriatric fracture Program”, “Relationships of Industry and physicians”
- 8-14-08 to **Course Chairman**, AO Geriatric Fracture Management Course, San Diego, CA; Lectures: “Timing of Surgery”, “Complicated Case Management”, “Strategies for Implementing a Geriatric Fracture Program”
- 8-16-08