

Raju S. Ghate M.D.

Address

Work

NorthShore Orthopedics
680 N. Lakeshore Drive Suite 900
Chicago, IL 60611

Work Experience

Jan2012 –Present

NorthShore University Health System

Evanston, IL

- Orthopedic Surgeon Specializing in Adult Reconstruction
- Orthopedic Lead Physician Skoike Hospital

Aug2005 –Dec2011

Northwestern Orthopaedic Institute, LLC

Chicago, IL

- Orthopedic Surgeon Specializing in Adult Reconstruction
- Assistant Professor Of Orthopedics Northwestern University Medical School
- Board Certified July 2007

Education

2004-2005

RUSH University Medical Center

Chicago, IL

- Adult Reconstruction Fellow

1999-2004

Northwestern University: McGaw Medical Center

Chicago, IL

- Orthopaedic Surgery Resident

1995-1999

Northwestern University: Feinberg School of Medicine

Chicago, IL

- Doctor of Medicine, June 1999

1991-1995

Northwestern University: McCormick School of Engineering

Evanston, IL

- Bachelor of Science in Biomedical Engineering, June 1995, GPA: 3.77/4.0

1987-1991

The Nichols School

Buffalo, NY

- High School Diploma

License

State of Illinois Permanent Number-36106509
Passed USMLE Steps I, II and III
Board Certified Orthopedic Surgeon
Passed ABOS Part I with top 25% score
Passed ABOS Part II July 2007

Hospital Staff Appointments

Northshore University August 2005-present
Northwestern Memorial Hospital Dec 2005- present

Research

Posters and Podium Presentations:

1999 American Academy of Orthopedic Surgeons Meeting

Ghate R., Collinge C., Kelikian A., Cordes S., Kodros S., “Cost of Radiography in Ankle Fracture Surgery: Plain Radiography vs. C-arm Fluoroscopy.”

2002 American Academy of Pediatrics Meeting

Lapinski B., **Ghate R.**, Sarwark J., “Pedicule Morphology of the Lumbar Spine in Idiopathic Scoliosis: A CT Analysis.”

2002 AAHKS Meeting

Ghate R., Wixson R. W., Stulberg S. D., Hendrix R., “Progression of Peri-Acetabular Lysis Over Time: Serial Analysis Using Computed Tomography”

2003 Mid-America Orthopedic Association Annual Meeting

Ghate R., Wixson R. W., Stulberg S. D., Hendrix R., “Progression of Peri-Acetabular Lysis Over Time: Serial Analysis Using Computed Tomography”

2005 Mid-America Orthopedic Association Annual Meeting

Oduezema, O., **Ghate R.**, Brander V., Stulberg S.D., “Relationship of Absolute Bone Density to Progression of Peri-Acetabular Osteolysis”

2005 International Society for Technology in Arthroplasty Annual Meeting

Ghate R., Tasse J., Stulberg S.D., “Irradiation of Polyethylene in an Inert Environment Reduces Osteolysis: A CT Analysis.”

2005 AAHKS Meeting

Puri, L., Lapinski B., **Ghate R.**, Wixson R., Stulberg S.D., Hendrix R., “Regression of Peri-acetabular Lytic Lesions Following Operative Intervention: A CT Analysis”

2006 American Academy of Orthopedic Surgeons Meeting

Ghate R., Tasse J., Stulberg S.D., “Irradiation of Polyethylene in an Inert Environment Reduces Osteolysis: A CT Analysis.”

Puri, L., Lapinski B., **Ghate R.**, Wixson R., Stulberg S.D., Hendrix R., “Regression of Peri-acetabular Lytic Lesions Following Operative Intervention: A CT Analysis”

2007 American Academy of Orthopedic Surgeons Meeting

Brander V.A., **Ghate R.**, Stulberg S.D., “The Natural History of Leg Length Discrepancy After Total Hip Arthroplasty”

2007 Mid-America Orthopedic Association Annual Meeting

Shah N., **Ghate R.**, Stulberg S.D., "Femoral and Acetabular Version Variability in Osteoarthritis"

Shah N., **Ghate R.**, Stulberg S.D., "Long-term benefit of less invasive Total Hip Arthroplasty: Reduced Heterotopic Ossification"

2007 International Society for Technology in Arthroplasty Annual Meeting

Shah N., **Ghate R.**, Stulberg S.D., "Femoral and Acetabular Version Variability in Osteoarthritis"

Shah N., **Ghate R.**, Stulberg S.D., "Long-term benefit of less invasive Total Hip Arthroplasty: Reduced Heterotopic Ossification"

2010 American Academy of Orthopedic Surgeons Meeting

Moen T., **Ghate R.**, Stulberg S.D., CT Evaluation of a Monoblock, Porous Tantalum Acetabular Cup at 10 Year Follow up.

2010 Mid-America Orthopedic Association Annual Meeting

Lynch J., Ghate R., Johnson B., Harris E., Tourniquet Pressure in Total Knee Arthroplasty: A Randomized Clinical Trial.

2010 AOA Annual Meeting

Moen T., **Ghate R.**, Stulberg S.D., CT Evaluation of a Monoblock, Porous Tantalum Acetabular Cup at 10 Year Follow up.

2012 Mid-America Orthopedic Association Annual Meeting

Patel A., McCoy B., Luo, Cayo, D. Meisles, Ghate R., Meisles J., and Stulberg SD "A Comparison of Computer Assisted Surgery and Customized Instrumentation Anatomic Registration Techniques in TKA",

McCoy B., Patel A., Cayo, Ghate R., and Stulberg S.D,"A Comparison of Computer-Based Anatomic Registration Techniques in TKA: CAS and Customized Instrumentation"

2013 Mid-America Orthopedic Association Annual Meeting

Patel A., Ghate R., Stulberg S.D., Improved Postoperative Coronal Alignments in Total Knee Arthroplasty: A Case for Patient Specific Guides

Book Chapters

Sporer S.M., Curbside Consultation in Hip Arthroplasty: 49 Clinical Questions., Chapter 16, 2008

Presentations

Northwestern Memorial Hospital Mini-Medical School Fall 2007: Women's Health
"What happens when our Bones and Joints Fail?"

Northwestern Memorial Hospital Mini-Medical School Winter 2008: Bones, Joints and Muscles "Osteoarthritis"

Publications:

Gerlinger T., **Ghate R.**, Paprosky W.G., "Posterior Approach: Back Door In." Orthopedics 28:9 931-933

Moen T., **Ghate R.**, Stulberg S.D., CT Evaluation of a Monoblock, Porous Tantalum Acetabular Cup at 10 Year Follow up. Accepted for publication in CORR.

Yaffe MA, Patel A, Mc Coy BW, Luo M, Cayo M, Ghate R, Stulberg SD. **Component sizing in total knee arthroplasty: patient-specific guides vs. computer-assisted navigation** Biomed Tech (Berl). 2012 Apr 10;57(4):277-82. doi: 10.1515/bmt-2011-0093.

Component sizing in total knee arthroplasty: patient-specific guides vs. computer-assisted navigation.

Abstracts Non Orthopaedic:

Lee P., Lefevre F., Samy A., **Ghate R.**, Feinglass J., "Use of ADG's for Ambulatory case-mix Adjustment: Relationship to Other Known Predictors of Utilization." Journal of General Internal Medicine. 1997 May. 12:S1 pp. S65

Lefevre F., Lee P., Feinglass J., Samy A., **Ghate R.**, "Care Seeking Behavior for 'discretionary' Diagnosis in the Ambulatory Setting: Analysis by ADG's." Journal of General Internal Medicine. 1997 May. 12:S1 ppS75

Linsenmeier R.A, **Ghate R.**, Braekevelt C.R., "Energy Metabolism in rods and cones." Investigative Ophthalmology and Visual Science. 1995, 36:S513

Teaching Northwestern University Feinberg School of Medicine

2008-09 PPSIII Instructor

2009-10 PPSIV Instructor

Honors Medical School: Honors in Junior Surgery, Pediatrics and Orthopaedic Clerkships

Undergraduate: Tau Beta Pi; Chi Psi Fraternity; Charles H. Williams Scholarship Recipient; Dean's List: Fall 1991, Winter 1992, Spring 1992, Spring 1993, Spring 1994 and Fall 1994

Activities Professional: Operation Walk Chicago Team Surgeon
August 2005 Cheng Du, China
November 2006 Han Zhou, China
January 2009 Pune, India

Medical School: Cabrini Green Youth Program, Horizons Community Outreach Program

Undergraduate: Chi Psi Fraternity, Special Olympics, Dance Marathon Participant, Greek Leadership Council

Societies

Fellow AAOS

Illinois State Medical Society
Chicago Medical Society
Illinois Association of Orthopaedic Surgeons