

# Raju S. Ghate M.D.

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## Work Experience

Aug2005 –Present

### Northwestern Orthopaedic Institute

Chicago, IL

- Orthopedic Surgeon Specializing in Adult Reconstruction
- Clinical Instructor Northwestern University Medical School

## 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

## Hospital Staff Appointments

Rush North Shore Medical Center: August 2005-present

St. Josephs Hospital: August 2005-present

Northwestern Memorial Hospital Dec 2005- present

Jesse Brown Veterans Medical Center May 2006-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 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 of less invasive Total Hip Arthroplasty: Reduced Heterotopic Ossification”

### **Book Chapters**

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

### **Abstracts:**

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