

Benjamin A. Goldberg, MD
Assistant Professor



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PERSONAL DATA:

Birthdate: July 18, 1968

Birthplace: Queens, New York

Administrative Address:

835 S. Wolcott Ave Room 270 (MC 844)
University of Illinois at Chicago Medical Center
Department of Orthopaedics
Chicago, IL 60612-7342
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UNDERGRADUATE EDUCATION:

1986-1988 Northwestern University
Evanston, Illinois
Honors Program in Medical Education
Bachelor of Science with Distinction
June 1990

GRADUATE EDUCATION:

1988-1992 Northwestern University Medical School
Chicago, Illinois
Doctor of Medicine with Distinction
June 1992

POSTGRADUATE TRAINING:

Internship: Department of Surgery
Baylor College of Medicine
Houston, Texas
1992-1993

Residency: Department of Orthopaedic Surgery
Baylor College of Medicine
Houston, Texas
1993-1998

Fellowship: Advanced Clinical Experience in Shoulder and Elbow
Surgery
Frederick A. Matsen III, M.D., Douglas T. Harryman II,
M.D., and Kevin Smith, M.D
University of Washington School of Medicine
Seattle, Washington
November 1, 1998-July 31, 1999

AO Fellowship in Shoulder and Elbow Surgery
Christian Gerber, M.D.
University of Zürich Balgrist
Zürich, Switzerland
April - May, 1998

Advanced Training in the Method of Ilizarov
Roberto Cattaneo, M.D. and Maurizio A. Catagni, M.D.
Ospedale di Lecco/ASAMI
Lecco, Italy
March - April, 1997

HONORS: Michael F. Rabb M.D./ Jose F. Pulido MD Medical Student
Teaching Award, 2007. For outstanding teaching of medical students in surgery
or the surgical subspecialties, University of Illinois at Chicago College of
Medicine

Teaching Recognition Program Award. 2007. A program to recognize and
reward documented excellence of UIC faculty instruction, University of Illinois-
Chicago Council for Excellence in Teaching and Learning,

Faculty Advisor/mentor of the winner of the 2007 American Journal of
Orthopaedics Depuy Resident Research Award given to Susan Leonelli, MD on
our research of the effects of cyclooxygenase-2 inhibitor (refecoxib) on bone
healing. Awards was given at the American Academy of Orthopaedic Surgeons
Meeting on February 15, 2007, San Diego, California.

Alpha Omega Alpha Medical Honor Society
American Orthopaedic Association/Zimmer Residency Award Winner
Smith and Nephew Richards Residency Award Winner
Honors Program in Medical Education, Northwestern University Medical School
Doctorate of Medicine with Distinction
Bachelor of Science with Distinction
Feinberg Cardiology Institute Summer Research Grant

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HOSPITAL AFFILIATIONS:

University of Illinois Hospital
Chief, Shoulder and Elbow Service
Chicago, IL

John H. Stroger Jr. Hospital of Cook County (Cook County Hospital)
Chief, Shoulder and Elbow Trauma and Elective Service
Chicago, IL

Illinois Masonic Hospital
Attending Physician
Chicago, IL

Westside Veterans Administration Hospital
Attending Physician
Chicago, IL

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AMERICAN SHOULDER AND ELBOW SURGEONS, INDUCTED 2006

AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS (ID 118116)

AMERICAN BOARD OF ORTHOPAEDIC SURGERY (ID 1292) Part 1, 2
PASS

NATIONAL BOARD OF MEDICAL EXAMINERS (Diplomate:
#415831)

Part I	May 1990:	720 (99th percentile)
Part II	April 1992:	350 (98th percentile)
Part III	March 1993:	635 (92nd percentile)

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ORTHOPAEDIC IN TRAINING EXAMINATIONS (OITE)

November 1997: Raw Score 210 (96th percentile)
November 1996: Raw Score 219 (100th percentile)
November 1995: Raw Score 204 (100th percentile)
November 1994: Raw Score 170 (99th percentile)
November 1993: Raw Score 164 (99th percentile)

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SOCIETIES:

Alpha Omega Alpha Medical Honor Society

American Academy of Orthopedic Surgeons
MidAmerican Orthopaedic Association
American Medical Association
Chicago Medical Society
Illinois Medical Society

PRESENTATIONS:

1. **Benjamin A. Goldberg, B.A.**, Stephanie Krueger, B.A., and Michael F. Sheets, M.D.: Evidence for cardiac sodium channel opening after channel inactivation. Feinberg Cardiology Institute, September 1, 1990, Chicago, Illinois.
2. **Benjamin A. Goldberg, M.D.**, Philip C. Noble, M.S., and Hugh S. Tullos, M.D.: The effect of acetabular cup design on particulate transport. The American Orthopaedic Association's 27th Annual Residents' Conference, March 23-26, 1994, Atlanta, Georgia.
3. **Benjamin A. Goldberg, M.D.** and Philip C. Noble, M.S.: The effect of cup design on particulate penetration of the acetabular interface. The Society for Biomaterials Twentieth Annual Meeting, April 5-9, 1994, Boston, Massachusetts.
4. **Benjamin A. Goldberg, M.D.**: Particulate transport at the interface of a cementless acetabular component: an experimental model. The American Orthopaedic Association 107th Annual Meeting, Recipient of the AOA/Zimmer Annual Residents Competition Awards, June 5-8, 1994, Sun Valley, Idaho.
5. **Benjamin A. Goldberg, M.D.**, Manish Patel, B.S., Emir Kamaric, M.S., and Hugh S. Tullos, M.D.: The effect of axial rotation on neck-shaft angle, medial head offset, and the physiologic valgus angle of the femur. Smith and Nephew Richards Orthopaedic Residents Conference, August 25, 1994, Memphis, Tennessee.

6. **Benjamin A. Goldberg, M.D.**, Manish Patel, B.S., Emir Kamaric, M.S., and Hugh S. Tullos, M.D.: The effect of axial rotation on neck-shaft angle, medial head offset, and the physiologic valgus angle of the femur. The American Association of Hip and Knee Surgeons 4th Annual Fall Meeting, September 24-26, 1994, Washington, D.C.
7. **Benjamin A. Goldberg, M.D.**, Atul B. Joshi, M.D., Manish V. Patel, B.A., and Emir Kamaric, M.S.: Effect of axial rotation on the measurement of the physiologic valgus angle, neck-shaft angle, and the medial head offset of the femur. American Academy of Orthopaedic Surgeons 62nd Annual Meeting, February 16-21, 1995, Orlando, Florida.
8. Ghassan Al-Habbal, M.D., **Benjamin A. Goldberg, M.D.**, Philip C. Noble, M.S., Atul B. Joshi, M.D., and Hugh S. Tullos, M.D.: Performance of modular femoral stem centralizers in cemented total hip arthroplasty. American Academy of Orthopaedic Surgeons 62nd Annual Meeting, February 16-21, 1995, Orlando, Florida.
9. Philip C. Noble, M.S., **Benjamin A. Goldberg, M.D.**, Ghassan Al-Habbal, M.D., Mirena Paravic, B.S., and Hugh S. Tullos, M.D.: Clinical and radiographic results of a third generation femoral stem. American Academy of Orthopaedic Surgeons 62nd Annual Meeting, February 16-21, 1995, Orlando, Florida.
10. **Benjamin A. Goldberg, M.D.**, Atul B. Joshi, M.D., and Philip C. Noble, M.S. Particulate debris transport at the cementless acetabular interface: an experimental model. American Academy of Orthopaedic Surgeons 62nd Annual Meeting, February 16-21, 1995, Orlando, Florida.
11. Mirena Paravic, B.S., Atul B. Joshi, M.D., **Benjamin A. Goldberg, M.D.**, and Philip C. Noble, M.S.: Inter-observer and intra-observer variation of evaluation in cemented total hip arthroplasty. (Poster Exhibit) American Academy of Orthopaedic Surgeons 62nd Annual Meeting, February 16-21, 1995, Orlando, Florida.
12. **Benjamin A. Goldberg, M.D.**, Atul B. Joshi, M.D., Philip C. Noble, M.S., and Hugh S. Tullos, M.D.: The effect of femoral rotation on the measurement of physiologic valgus angle. Mid America Orthopaedic Association Thirteenth Annual Meeting, April 19-23, 1995, Palm Beach, Florida.
13. **Benjamin A. Goldberg, M.D.**, Ghassan Al-Habbal, M.D., Philip C. Noble, M.S., and Hugh S. Tullos, M.D.: Performance of modular femoral stem centralizers in cemented total hip arthroplasty. Mid America Orthopaedic Association Thirteenth Annual Meeting, April 19-23, 1995, Palm Beach, Florida.

14. **Benjamin A. Goldberg, M.D.**, Atul B. Joshi, M.D., Philip C. Noble, M.S., and Hugh S. Tullos, M.D.: Inter-observer and intra-observer variation of radiographic evaluation of cemented total hip arthroplasty. Mid America Orthopaedic Association Thirteenth Annual Meeting, April 19-23, 1995, Palm Beach, Florida.
15. **Benjamin A. Goldberg, M.D.** and Allison S. Scott, M.D.: Review of tarsal coalition. Shriners Hospitals for Crippled Children (grand rounds). January 9, 1996, Houston, Texas.
16. **Benjamin A. Goldberg, M.D.**, Ghassan Al-Habbal, M.D., Philip C. Noble, Ph.D. Thoroff D. Liebs, M.D., and Hugh S. Tullos, M.D. Performance of fourth generation cemented femoral components: a critical analysis. American Academy of Orthopaedic Surgeons 63rd Annual Meeting, February 22-27, 1996, Atlanta, Georgia.
17. **Benjamin A. Goldberg, M.D.**, Ravi K. Mootha, B.S., and Ronald W. Lindsey, M.D.: Train accidents involving pedestrians, motor vehicles, and motorcycles. American Academy of Orthopedic Surgeons 64th Annual Meeting, San Francisco, California, February 13-17, 1997.
18. **Benjamin A. Goldberg, M.D.**, Christian Foglar, M.D., Ronald W. Lindsey, M.D., Thomas D. Hedrick, M.D., and John L. Haddad, M.D.: Sacroiliac screws in relation to the neuroforamen: comparison of conventional computed tomography and three dimensional reconstruction. Presented at the North American Spine Society 11th Annual Conference, October 23-26, 1996, Vancouver, British Columbia.
19. **Benjamin A. Goldberg, M.D.** and Frank Gerow, M.D.: Review of neurofibromatosis. Presented at the Shriners' Hospitals for Crippled Children (grand rounds). August 8, 1997, Houston, Texas.
20. **Benjamin A. Goldberg, M.D.**, Christian Foglar, M.D., Ronald W. Lindsey, M.D., Thomas D. Hedrick, M.D., and John L. Haddad, M.D.: Sacroiliac screws in relation to the neuroforamen: comparison of conventional computed tomography and three dimensional reconstruction. American Academy of Orthopedic Surgeons 65th Annual Meeting, New Orleans, Louisiana, March 13-17, 1998.
21. **Benjamin A. Goldberg, M.D.** and Maurizio A. Catagni, M.D.: Analgesic consumption and patient satisfaction with hybrid advanced Ilizarov technique. American Academy of Orthopedic Surgeons 65th Annual Meeting, New Orleans, Louisiana, March 13-17, 1998.

22. **Benjamin A. Goldberg, M.D.**: Treatment of distal tibial malunion with the Ilizarov method. Presented at the Baylor College of Medicine Department of Orthopedic Surgery (grand rounds), April 1, 1998.

23. **Benjamin A. Goldberg, M.D.**, Ronald W. Lindsey, M.D., Christian Foglar, M.D., Thomas D. Hedrick, M.D., and Theodore Miclau.: The Reliability, reproducibility, and accuracy of radiographic interpretation of sacroiliac screw placement. Presented at the Orthopaedic Trauma Association 14th Annual Meeting, Vancouver, British Columbia, October 8-10, 1998.

24. **Benjamin A. Goldberg, M.D.**, Ronald W. Lindsey, M.D., Christian Foglar, M.D., Thomas D. Hedrick, M.D., and Theodore Miclau.: The Reliability, reproducibility, and accuracy of radiographic interpretation of sacroiliac screw placement. Presented at the North American Spine Society 13th Annual Meeting, San Francisco, October 28-31, 1998.

25. **Benjamin A. Goldberg, M.D.**, Ronald W. Lindsey, M.D., Christian Foglar, M.D., Thomas D. Hedrick, M.D., and Theodore Miclau.: The Reliability, reproducibility, and accuracy of radiographic interpretation of sacroiliac screw placement. Presented at the American Academy of Orthopedic Surgeons 66th Annual Meeting, Anaheim-Orange County, California, February 4-8, 1999.

26. **Benjamin A. Goldberg, M.D.** and Frederick A. Matsen III, M.D.: Surgical repair of the rotator cuff without acromioplasty or resection of the coraco-acromial ligament. Presented at the 13th Congress of the European Society for Surgery of the Shoulder and the Elbow, The Hague, The Netherlands, September 8-11, 1999.

27. **Benjamin A. Goldberg, M.D.** and Frederick A. Matsen III, M.D.: Functional outcome of rotator cuff repair without acromioplasty or coraco-acromial ligament resection. Presented at the Orthopaedic Guild Annual Meeting, Chicago, Illinois, September 15-18, 1999.

28. **Benjamin A. Goldberg, M.D.**: Lab instructor, Seattle Shoulder Arthroscopy Symposium, Seattle, Washington, October 1-2, 1999.

29. Barbara M. Norquist, B.S., **Benjamin A. Goldberg, M.D.**, and Frederick A. Matsen III, M.D.: Challenges in evaluating patients "lost to follow-up" in clinical studies of rotator cuff tears. Presented at the American Academy of Orthopedic Surgeons 67th Annual Meeting, Orlando, Florida, March 15-19, 2000.

30. **Benjamin A. Goldberg, M.D.**, Marius M. Scarlat, M.D., and Frederick A. Matsen III, M.D.: Functional improvement after repair of full thickness cuff tears without acromioplasty. Presented at the American Academy of Orthopedic Surgeons 67th Annual Meeting, Orlando, Florida, March 15-19, 2000.

31. **Benjamin A. Goldberg, M.D.**, Robert J. Nowinski, D.O., and Frederick A. Matsen III, M.D.: Outcome of non-operative management of full thickness rotator cuff tears. Presented at the Specialty Day of the American Shoulder and Elbow Society at the American Academy of Orthopedic Surgeons 67th Annual Meeting, Orlando, Florida, March 15-19, 2000.

32. **Benjamin A. Goldberg, M.D.**: Advances in operative management of rotator cuff tears. Illinois Association of Orthopaedic Surgeons Annual Scientific Meeting, Loyola University Medical Center, Chicago, Illinois, November 8, 2000.

33. **Benjamin A. Goldberg, M.D.**: Management of shoulder stiffness. Midwest Clinical Conference, Chicago Medical Society, Chicago, Illinois, February 22-25, 2001.

34. **Benjamin A. Goldberg, M.D.**: Rotator cuff repair without acromioplasty. Presented at Grand Rounds, Baylor College of Medicine Department of Orthopaedic Surgery, Houston, Texas, April 4, 2001.

35. Benjamin A. Goldberg, M.D.: Evaluation and management of posterior capsular contracture of the shoulder. Illinois Association of Orthopaedic Surgeons Annual Scientific Meeting, University of Illinois-Chicago, Chicago, Illinois, November 3, 2001.

36. Susan Leonelli, MBA, **Benjamin A. Goldberg, M.D.**, John Safanda, M.D., Mahesh Bagwe, M.D., Susan King,. The effect of cyclooxygenase-2 (COX-2) inhibitors on bone healing. Presented at the Orthopaedic Research Society 49th Annual Meeting, Dallas, Texas, February 10, 2002.

37. John Safanda, M.D., **Benjamin A. Goldberg, M.D.**, Susan Leonelli, M.B.A., Mahesh Bagwe, M.D., Suan King. Bone Healing in Rats Treated with a Cyclooxygenase-2 Inhibitor. Presented at the American Academy of Orthopaedic Surgeons 70th Annual Meeting, New Orleans, Louisiana, February 5-9, 2003.

38. **Benjamin A. Goldberg, M.D.** Current techniques in shoulder surgery. Presented at the Annual Meeting of the American Surgical Technologists, Chicago, Illinois, September 21, 2003.

39. George Branovacki, M.D., Zafar Khan, M.D., **Benjamin A. Goldberg, M.D.**, Chong Lee, B.S., and Farid Amirouche, Ph.D.. Are various brands and manufacturers of USP #2 suture equivalent? Presented at the Orthopaedic Research Society 50th Annual Meeting, San Francisco, CA, March 7-10, 2004.

40. **Benjamin A. Goldberg, M.D.**, George Branovacki, M.D., Zafar Khan, M.D., Chong Lee, B.S., and Farid Amirouche, Ph.D. Comparison of Brands/Manufacturers of USP Number 2 Braided Polyester. Presented at the American Academy of Orthopaedic Surgeons 71st Annual Meeting., San Francisco, CA March 10-14, 2004.
41. **Benjamin A. Goldberg, M.D.**: Clavicle, scapula, and glenoid fractures, Orthopaedic Resident Trauma Course, Chicago, IL April 9, 2005
42. **Benjamin A. Goldberg, M.D.**: AO New Technologies Symposium, Rosemont, IL May 7, 2005
43. **Benjamin A. Goldberg, M.D.** SLAP Repairs: Indications and Techniques; Presented at The Shoulder: An Arthroscopic Odyssey, American Academy of Orthopaedic Surgeons/American Shoulder and Elbow Society, Rosemont, IL July 28-29, 2006

PUBLICATIONS:

1. **Benjamin A. Goldberg, M.D.**, Mark W. Maffet, M.D., and J. Clay Goodman, M.D.: Cervical myelopathy in a patient with rheumatoid arthritis caused by bilateral dorsal root ganglia fibrosis: *Journal of Bone and Joint Surgery 79-A*: 1069-1072, 1997.
2. **Benjamin A. Goldberg, M.D.**, David S. Mansfield, B.S., Nelson A. Davino, M.D.: Non-union of a distal femoral epiphyseal fracture-separation. *American Journal of Orthopedic Surgery 25*: 773-777, 1996.
3. **Benjamin A. Goldberg, M.D.**, Wendell D. Erwin, M.D., Michael H. Heggeness, M.D.: Lumbar spine duplication presenting as adolescent scoliosis. *Spine 23*: 504-506, 1998.
4. **Benjamin A. Goldberg, M.D.**, Christian Foglar, M.D., Ronald W. Lindsey, M.D., Thomas D. Hedrick, M.D., and John L. Hadad, M.D.: Imaging assessment of sacroiliac screw placement relative to the neuroforamen. *Spine 23*: 585-589, 1998.
5. **Benjamin A. Goldberg, M.D.**, Ravi K. Mootha, B.S., Ronald W. Lindsey, M.D.: Train accidents involving pedestrians, motor vehicles, and motorcycles. *American Journal of Orthopedic Surgery 27*: 315-320, 1998.
6. **Benjamin A. Goldberg, M.D.**, Ghassan Al-Habbal, M.D., Philip C. Noble, M.S., and Hugh S. Tullos, M.D. Performance of modular femoral stem centralizers in cemented total hip arthroplasty. *Clinical Orthopaedics and Related Research. 349*: 163-173, 1998.

7. **Benjamin A. Goldberg, M.D.**, Ronald W. Lindsey, M.D., Christian Foglar, M.D., Thomas D. Hedrick, M.D., Theodore Miclau, M.D., John L. Hadad, M.D., and Myrna Kahn, M.S.: The reliability, reproducibility, and accuracy of radiographic interpretation of sacroiliac screw placement. In press, *Journal of Orthopaedic Trauma*.
8. **Benjamin A. Goldberg, M.D.**, Marius M. Scarlat, M.D., and Douglas T. Harryman II, M.D. The management of the stiff shoulder. *Journal of Orthopaedic Science* 4: 462-471, 1999.
9. Marius Scarlat, M.D., Christian Cuny, **Benjamin A. Goldberg, M.D.** Douglas T. Harryman II, M.D., and Frederick A. Matsen III, M.D. The lateral impaction of the shoulder: a biomechanical hypothesis. *International Orthopaedics* 23(5): 302-307, 1999..
10. Barbara M. Norquist, B.S., **Benjamin A. Goldberg, M.D.**, and Frederick A. Matsen III, M.D.: Challenges in evaluating patients "lost to follow-up" in clinical studies of rotator cuff tears. *Journal of Bone and Joint Surgery* 82-A: 838-843, 2000.
11. Marius M. Scarlat, M.D., **Benjamin A. Goldberg, M.D.**, and Douglas T. Harryman II, M.D.: Freeing up frozen shoulder in diabetes. *The Journal of Musculoskeletal Medicine*. 17 (8): 484-498, 2000.
12. **Benjamin A. Goldberg, M.D.**, Robert J. Nowinski, D.O., and Frederick A. Matsen III, M.D.: Outcome of nonoperative management of full-thickness rotator cuff tears. *Clinical Orthopaedics and Related Research*. 382: 99-107, 2001.
13. **Benjamin A. Goldberg, M.D.** Steven B. Lippitt, M.D., and Frederick A. Matsen: Improvement in Comfort and Function After Cuff Repair Without Acromioplasty. *Clinical Orthopaedics and Related Research*. 390: 142-150, 2001.
14. **Benjamin A. Goldberg, M.D.** and Maurizio A. Catagni, M.D.: Analgesic consumption and patient satisfaction with hybrid advanced Ilizarov technique. *American Journal of Orthopaedics* 30: 686-692, 2001.
15. Peter Rose, M.D., **Benjamin A. Goldberg, M.D.**, Ronald W. Lindsey, M.D., Christian Foglar, M.D., Thomas D. Hedrick, M.D., Theodore Miclau, M.D., John L. Haddad, M.D., and Myrna Khan: Computed tomography assessment of sacroiliac screw placement relative to the first sacral neuroforamen. *Journal of Spinal Disorders*. 14: 330-335, 2001.

16. **Benjamin A. Goldberg, M.D.**, Kevin Smith, M.D., Sarah Jackins, R.P.T., Barry Campbell, B.S., Frederick A. Matsen, III, M.D.: The magnitude of functional improvement after total shoulder arthroplasty for degenerative joint disease. *Journal of Shoulder and Elbow Surgery*. Volume 10: 464-469, 2001.
17. Susan Leonelli, MBA, **Benjamin A. Goldberg, M.D.**, John Safanda, M.D., Mahesh Bagwe, M.D., Susan King,. The effect of cyclooxygenase-2 (COX-2) inhibitors on bone healing. *Transactions of the Orthopaedic Research Society* 49th Annual Meeting, February 10, 2002.
18. **Benjamin A. Goldberg, M.D.** Surgery mistakes, voice of the people, Chicago Tribune (main section), January 4, 2002, page 20.
19. John Safanda, M.D., **Benjamin A. Goldberg, M.D.**, Susan Leonelli, M.B.A., Mahesh Bagwe, M.D., Susan King. Bone Healing in Rats Treated with a Cyclooxygenase-2 Inhibitor. *Transactions of the American Academy of Orthopaedic Surgeons* 70th Annual Meeting, February 5-9, 2003.
20. George Branovacki, M.D., Zafar Khan, M.D., **Benjamin A. Goldberg, M.D.**, Chong Lee, B.S., and Farid Amirouche, Ph.D.. Are various brands and manufacturers of USP #2 suture equivalent? *Transactions of the Orthopaedic Research Society* 50th Annual Meeting, San Francisco, CA, March 7-10, 2004.
21. **Benjamin A. Goldberg, M.D.**, George Branovacki, M.D., Zafar Khan, M.D., Chong Lee, B.S., and Farid Amirouche, Ph.D. Comparison of Brands/Manufacturers of USP Number 2 Braided Polyester. *Transactions of the American Academy of Orthopaedic Surgeons* 71st Annual Meeting., San Francisco, CA March 10-14, 2004.
22. Zafar Khan, M.D. and **Benjamin A. Goldberg, M.D.** Percutaneous femoral rodding. *American Journal of Orthopaedics* Volume XXXIII: 473-475, September 2004.
23. Susan Leonelli, M.D., **Benjamin A. Goldberg, M.D.**, John Safanda, M.D., Mahesh Bagwe, M.D., Shrividya Sethuratnam, M.D., Susan JI King. Effects of a cyclooxygenase-2 inhibitor (rofecoxib) on bone healing. *American Journal of Orthopaedics* Volume XXXV: 79-84, February 2006.
24. Harold Bach, M.D. and **Benjamin A. Goldberg, M.D.** Posterior capsular contracture of the shoulder. *Journal of the American Academy of Orthopaedic Surgeons*, Volume 14 (5): 265-277, May 2006.
25. Jon H. Dunn M.D., **Benjamin A. Goldberg, M.D.**, Gary An, M.D., Anthony Kim, M.D. Control of presacral hemorrhage after penetrating trauma: a new technique. *Journal of Trauma-Injury Infection & Critical Care* 63(1):197-201, July 2007..