

## CURRICULUM VITAE

### **CHARLES A. BUSH-JOSEPH, M.D.**

Business Address: Midwest Orthopaedics at Rush  
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Managing Partner  
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### EDUCATION

1979 Bachelor of Science, Zoology/Physiology (Honors)  
University of Michigan  
College of Literature, Science and Arts  
Ann Arbor, Michigan

1983 Doctor of Medicine  
University of Michigan Medical School  
Ann Arbor, Michigan

### POST-GRADUATE

1983-1984 Surgical Internship (Surgical Intern of the Year)  
Rush-Presbyterian-St. Luke's Medical Center  
Chicago, Illinois

1984-1988 Orthopaedic Surgery Residency  
Rush-Presbyterian-St. Luke's Medical Center  
Chicago, Illinois

1986 Pediatric Orthopaedic Rotation (9 months)  
The Children's Hospital  
Denver, Colorado

1988-1989 Fifteen Month Clinical and Research Fellowship  
Sportsmedicine, Knee & Shoulder Surgery  
Cincinnati Sportsmedicine  
Frank Noyes, M.D., Director

## **APPOINTMENTS**

|                |   |
|----------------|---|
| 2012           | President, Major League Baseball Team Physicians Association,   |
| 2007 - present | Member, Major League Baseball Medical Advisory Committee  |
| 2007 - present | Professor<br>Department of Orthopaedic Surgery<br>Associate Director<br>Orthopaedic Sports Medicine Fellowship<br>Rush University Medical Center, Chicago, Illinois<br>Golden Apple Teacher of the Year, 1996, 2008 |
| 2003 - present | Head Team Physician<br>Chicago White Sox Major League Baseball Club<br>Associate Team Physician, Chicago Bulls  |
| 1998 - 2007    | Associate Professor<br>Department of Orthopaedic Surgery<br>Associate Director<br>Orthopaedic Sports Medicine Fellowship<br>Rush University Medical Center, Chicago, Illinois                                       |
| 1998 - present | Associate Attending<br>Department of Orthopedic Surgery<br>Rush University Medical Center, Chicago, Illinois<br>Oak Park Hospital, Oak Park, Illinois   |
| 1989 - 1999    | Attending Physician<br>MacNeal Memorial Hospital<br>Berwyn, Illinois  |
| 1989 - 1997    | Assistant Professor<br>Rush-Presbyterian-St. Luke's Medical Center<br>Chicago, Illinois   |

## **LICENSURE**

|                |   |
|----------------|---|
| 1983 - present | Illinois State Medical License - 036-070386 |
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## **CERTIFICATION**

|      |   |
|------|---|
| 1984 | Diplomat, National Board of Medical Examiners |
| 1992 | American Board of Orthopaedic Surgery (ABOS)  |
| 2000 | Re-certification (ABOS)                       |

2007 ABOS, Sports Medicine CAQ  
2011 Re-certification (ABOS)

### **PROFESSIONAL SOCIETY MEMBERSHIPS**

Chicago Medical Society, 1984 - 2010  
American Medical Association, 1984 - 2000  
Illinois State Medical Society, 1984 - present  
Orthopaedic Research Society, 1984 - present  
American Academy of Orthopaedic Surgery, 1992 - present  
Arthroscopy Association of North America, 1994 - present  
American Orthopaedic Society for Sports Medicine, 1996 - present  
Herodicus Society, 1999 - present  
Editorial Board, Journal of Knee Surgery, 1994-2008  
Editorial Board, Arthroscopy Journal, 2000-2005  
National Sportsmedicine Advisory Board Pharmacia/Pfizer, 2002-2006  
Editorial Board, American Journal of Sports Medicine, 2007 - present

### **COMMITTEES**

RPSLMC, Resident Selection Committee, 1991 - 2000  
RPSLMC, Orthopaedic Advisory Committee, 1992 - 2007  
RPSLMC, Rush Orthopaedic Residency Steering Committee, 1993 - 2007  
RPSLMC, Director Orthopaedic Medical Student Education, 1994 - 2005  
RPSLMC, Medical Student Academic Advisor, 1990 - 1994  
RPSLMC, Utilization Management, 1995 - 1996  
RPSLMC, Director Orthopaedic Residency Evaluations, 1995 - 2004  
RPSLMC, Rush 2000 Emergency Room Committee, Co-Chair, 1997  
RPSLMC, Computerized Order Provider Entry Committee, 1997- 2000  
RPSLMC, Liaison Medical School Education Committee, 1997  
RPSLMC, Medical Care Evaluation Committee, 1997  
AAOS, Committee on Outcome Algorithms, 1995 - 2001  
AAOS, Subcommittee Chair, Knee Injury Algorithms, 1996 - 2001  
AOSSM, Research Advisory Committee, 1997 - 2003  
AANA, Scholarship Subcommittee, 1998 - present  
AANA, Membership Committee, 1999 - 2001  
AOSSM, Fellowship Examination Committee, 1999 - 2002  
AAOS, Subcommittee on Diversity in training and education, 2000  
Reviewer, *Clinical Orthopaedics and Related Research*, 1996 - present  
Reviewer, *American Journal of Sports Medicine*, 1997 - present  
Reviewer, *Arthroscopy*, 1997 - present  
ABOS, Examination Committee, 2003-2007

Major League Baseball Team Physician Association, Treasurer, 2007-2009  
Member MLB Medical Advisory Board, 2006 - present  
AOSSM, Program Committee 2006-2012  
AOSSM, Education Committee 2008 - present (four year appointment until 2012)  
AOSSM, Education Committee, Chair of Subcommittee on Instructional Course

Lectures, 2009-2011

Major League Baseball Team Physician Association, President-elect 2011

National Institute of Arthritis, Musculoskeletal, and Skin Diseases, NIH: Data and Safety Monitoring Board, Grant: R01-AR056630. December 2010-September 2015

AOSSM Nominating Committee, 2012

Illinois Association of Orthopaedic Surgeons (IAOS), Board Member 2011-2012

## **COURSE FACULTY**

RPSLMC, Instructor, *Ski Injury Symposium*, Chicago, 1991

RPSLMC, Instructor, *Catastrophic Ski Injuries*, National Ski Patrol Southern Region Annual Meeting, Chicago, 1991

RPSLMC, Instructor, *Shoulder Injuries: Evaluation and Treatment*, Chicago, 1992

Midwest Orthopaedic Sportsmedicine Symposium, Lecturer, 1992 - 2000

AANA, Instructor, *Master's Experience Shoulder Arthroscopy*, 1994

AANA, Instructor, *Master's Experience Knee Arthroscopy*, 1994

AANA, Instructor, *Master's Experience Shoulder Arthroscopy*, 1995

AAOS, Instructor, *Strategies in Shoulder Surgery*, 1996

Notre Dame Orthopaedic Symposium, Instructor, *State of the Art in ACL Reconstruction*, South Bend, IN, September 1996

AANA, Instructor, Lecturer, *Master's Experience Knee Arthroscopy*, 1997

AAOS, Discussor/Moderator, AAOS Annual Meeting, San Francisco, 1997

AOSSM, Moderator, Annual Summer Meeting, Sun Valley, 1997

AAOS, Instructor, *Strategies in Shoulder Surgery*, 1997

AAOS, Instructor, Lecturer, *Open and Arthroscopic Surgery: Current Concepts and Techniques*, Rosemont, Illinois, 1997

AAOS, Participant, *Workshop on Evidence Analysis*, Rosemont, Illinois, 1998.

RPSLMC, Instructor, *Advances in Gait Analysis*, Chicago, 1998

AAOS, Instructor, *Summer Institute*, Meniscal Repair, PCL Reconstruction, Rosemont, Illinois, 1998

AAOS, Instructor, *Open and Arthroscopic Surgery, Approaches for the New Millennium*, Rosemont, Illinois, July 1999

AANA, Instructor, *Master's Experience Hip Arthroscopy*, Rosemont, Illinois, August 1999

AANA, Course Director, *Master's Experience: Comprehensive Knee Arthroscopy*, October 1999

AAOS, Lecturer, Lab Instructor, *Open and Arthroscopic Surgery, Approaches for the New Millennium*, Rosemont, Illinois, December 1999

AAOS, Panel Member, *Diversity in Orthopaedic Training Task Force*, Rosemont, 2000.

AAOS, Summer Institute (Athletes Knee & Top Ten Courses), lecturer, lab instructor, Toronto, Canada, 2000

AAOS, Lecturer, *Advances in Open and Arthroscopic Techniques in the Shoulder*. Rosemont, Illinois, October 2000

AAOS, Lecturer, *Evaluation of Common Shoulder Disorders*. Rosemont, October 2000

AANA, Course Director, *Resident's Shoulder and Knee Arthroscopic Skills Course*, Rosemont, Illinois, 2001.

Mitek Knee and Shoulder Arthroscopy Workshop, Lecturer, Carlsbad, California, August 2001.

Illinois Association of Orthopaedic Surgeons/AAOS Fall Update, Lecturer, Meniscus Surgery, Chicago, Illinois, November 2001.

Mitek Knee and Shoulder Arthroscopy Workshop, Lab instructor, Chicago, Illinois, January 2002.

AANA, Course Director, Resident's Shoulder and Knee Arthroscopic Skills Course, Rosemont, Illinois, 2001.

AANA, Course Director, Resident's Shoulder and Knee Arthroscopic Skills Course, Rosemont, Illinois, January 2002.

AAOS, Lecturer, Lab instructor, Complex Knee Injuries. Rosemont, Illinois, April 2002

AANA, Course Director, Resident's Shoulder and Knee Arthroscopic Skills Course, Rosemont, Illinois, March 2003.

Illinois Orthopaedic Resident Trauma Symposium, Lecturer "Knee Dislocations", Chicago, Illinois, March 2003.

AAOS, Lecturer, Lab instructor, "Complex Knee Injuries", Rosemont, Illinois, May 2003.

AAOS, Lecturer, "20<sup>th</sup> Annual Comprehensive Review Course for Orthopedics Surgeons" Chicago, Illinois. Knee ligament and cartilage injuries.

NYLF, National Youth Leadership Forum, Chicago, Illinois 2004, Keynote Speaker, "Developing careers in medicine"

AANA, Course Director, Resident's Shoulder and Knee Arthroscopic Skills Course, Rosemont, Illinois, 2005.

AAOS, Lecturer, Speaker, Lab Instructor, "Complex Knee Injuries, Returning Athletes to Competition", Rosemont, Illinois, May 2006.

AAOS-AMERICA, Speaker combined AAOS Mexican Arthroscopic Surgery Association, Revision ACL, Arthrofibrosis, Puerto Vallarta, Mexico, June 2006.

AANA, Course Director, Resident's Shoulder and Knee Arthroscopic Skills Course, Rosemont, Illinois, August 2006.

AOSSM, Lecturer, ACL: Double bundle or double trouble. AOSSM Annual Meeting, Orlando Florida, July 2008.

Herodicus Society, Lecturer, Post Arthroscopy Avascular Necrosis of the Knee. Annual Meeting, Orlando, Florida, 2008.

Grand Rounds Presentation: Hip Arthroscopy and Current Uses. University of Chicago Orthopaedic Grand Rounds, Chicago, IL November 12, 2008.

Major League Baseball Team Physicians Annual Meeting: Post Arthroscopy Avascular Necrosis of the Knee. Las Vegas, Nevada December 2008.

AANA, Associate Instructor: Master's Course of Hip Arthroscopy. OLC, Rosemont, Illinois, January 2009.

American Association of Sports Dentistry Annual Meeting, "On field triage of head and neck injuries", Chicago Illinois, May 9, 2009.

University of Wisconsin, Madison "Sports Medicine Symposium". "Shoulder Pain in the Overhead Throwing Athlete" and "A-C Joint Injuries and Distal Clavicle Fractures". Madison, Wisconsin, May 15, 2009.

MLB Team Physician Meeting, "Avascular Necrosis on the Knee", Indianapolis, 2009

AAOS, Course Faculty, "AAOS Knee Injuries in Athletes: Getting Patients Back in the Game – Cutting Edge Techniques", Rosemont, IL, April 8-10, 2010.

AAOS, "AAOS Knee Injuries in Athletes: Getting Patients Back in the Game – Cutting Edge Techniques". Presented "PCL Reconstruction". Rosemont, IL, April 10, 2010  
MLB Team Physician Annual meeting, "Training Room Injections", Orlando FL, 2010  
MLB Team Physician Annual meeting, Course Director, Dallas TX, 2011  
AOSSM Specialty Day "Clinical and MRI Outcomes following surgical repair of complete proximal hamstring ruptures: Does the tendon heal?" San Francisco, CA 2012

## **GRANTS**

"Gait Analysis of ACL Insufficiency, Results of Operative Nonoperative Treatment", NIH Grant IROLAR 39421-01, 1992 - 1996. Andriacchi TP, **Bush-Joseph CA**, Bach BR Jr., et al. (co-investigator).

"Arthroscopy Assisted ACL Reconstruction, Minimum 5 Year Follow-up", "Endoscopic ACL Reconstruction with Patella Tendon Substitution: Prospective Two Year Follow-Up." Rush Arthritis Institute Grant. (\$8200) 1996, Co-investigator.

"Outcomes Assessment Tools for the Evaluation of Rotator Cuff Surgery". Romeo AA, **Bush-Joseph CA**, Bach BR Jr.: Research Grant, Rush Arthritis and Orthopaedic Institute, August 1995, Co-investigator.

"Biomechanical Study of Total Knee Replacement". Andriacchi TP, Galante JO, Rosenberg AA, **Bush-Joseph CA**, et al.: NIH/NIAMS, 1994 - 1996, Co-investigator.

"Anterior Cruciate Ligament - Functional Biomechanics". Andriacchi TP, **Bush-Joseph CA**, Bach BR Jr., Noyes FR, et al.: NIH/NIAMS, 1988 - present, Co-investigator.

"Comparison of Functional Adaptations in Patients Undergoing ACL Reconstruction using Patella Tendon and Hamstring Grafts". **Bush-Joseph CA**, Hurwitz D, Bach BR Jr.: Foundation for Sports Medicine Education and Research (\$14,400), March 1997, Principle Investigator.

"Outcomes of Revision ACL Reconstruction using Patella Tendon Allograft", Bach BR Jr., **Bush-Joseph CA**. (\$11,000) Research Grant, Rush Arthritis and Orthopaedic Institute, 2001.

"Biomechanical Analysis of the Biceps Tendon and Shoulder Stability", Major League Baseball Research Grant. Verma N, Romeo A, Cole B, **Bush-Joseph CA**. MLB Research Committee (\$50,000), 2009.

## **POSTER PRESENTATIONS**

Bach BR Jr, **Bush-Joseph CA**, Jones GT: "*Arthroscopy Assisted Patellar Tendon Substitution for ACL Insufficiency: Surgical Technique*". Rush University Week, Chicago, Illinois, April, 1991.

**Bush-Joseph CA**, Bryan J, Bach BR Jr: "*Management of Posterior Cortical Blowout for Endoscopic ACL Reconstruction*". Annual Meeting of American Academy of Orthopaedic

Surgeons, Orlando, Florida, 1995.

Williams J, Novak PJ, Wexler G, **Bush-Joseph CA**, Bach BR Jr: "*Prospective Evaluation of Pain Medication Usage and Analgesic Profiles Following ACL Surgery*". Annual Meeting of American Academy of Orthopaedic Surgeons, Atlanta, Georgia, 1996.

Wexler G, Hurwitz D, Bush-Joseph CA, Bach BR: "*Functional adaptations in ACL deficient patients over time*". Presented at AOSSM Annual Meeting, Orlando, June 1996.

Hurwitz D, Wolfensperger K, Kopinski P, Patel R, Bush-Joseph CA, Bach BG, Andriacchi TP: "*A relationship between quadriceps strength and function in patients with ACL reconstruction with a patella tendon autograft*". Presented at Orthopaedic Research Society Annual Meeting, San Francisco, 1997.

Ferrari JD, Bach BR, Bush-Joseph CA: "*The effect of gender upon outcome in both endoscopic and two incision arthroscopy assisted ACL reconstruction*". Presented at the AAOS Annual Meeting, Anaheim, 1999

Wexler G, Ferrari JD, Bach BR, **Bush-Joseph CA**: "*The outcomes of ACL reconstruction in patients with worker's compensation claims*". Presented at the Annual Meeting of the AAOS, Anaheim, 1999

Novak PJ, **Bush-Joseph CA**, Bach BR Jr: "*Cost Containment: A Charge Comparison of ACL Reconstruction in Different Surgical Settings*". Arthroscopy Association of North America Annual Meeting, Washington, D.C., 1996.

Hurwitz D, Wolfensperger K, Patel R, Kopinski P, **Bush-Joseph C**, Bach BR Jr, Andriacchi T: "*A Relationship Between Quadriceps Strength and Function in Patients with ACL Reconstruction with a Patella Tendon Autograft*". Annual Meeting of the Orthopaedic Research Society, San Francisco, California, 1997.

Bach BR Jr, Aadalen KJ, Dennis M, Carreira DS, Bojchuk J, Hayden JK, **Bush-Joseph CA**, Riff A: "*Primary ACL Reconstruction Using Fresh Frozen Non-Irradiated Patellar Tendon Allograft- Minimum 2 Year Follow-Up*". Poster 173, Institutional Research Week, Rush University Medical Center, Chicago, IL April 5-8, 2006.

Fox JA, Pierce M, Bojchuk J, Hayden JK, **Bush-Joseph CA**, Bach BR Jr, Riff A: "*Revision ACL Reconstruction Using Non irradiated Patellar Tendon Allograft Using An Accelerated Rehabilitation Program*". Poster 174, Institutional Research Week, Rush University Medical Center, Chicago, IL April 5-8, 2006.

Karas V, Sherman S, Verma N, **Bush-Joseph CA**: "*Allograft reconstruction of failed or neglected extensor mechanism injury*". Poster AAOS Annual Meeting, San Francisco, CA February 8-10, 2012.

## MANUSCRIPTS (Refereed Journals)

1. **Bush-Joseph CA**, Schipplein O, Andersson GBJ, Andriacchi TP: Influence of velocity on the lumbar spine moment during lifting. *Ergonomics*, 31(2):211-216, 1988.
2. Harris AI, **Bush-Joseph CA**, Bach BR Jr: Massive heterotopic ossification after biceps tendon rupture and tenodesis: A case report. *Clin Orthop Rel Res*, 255:284-8, 1990.
3. Bach BR Jr, **Bush-Joseph CA**: The surgical approach to lateral meniscal repair. *Arthroscopy*, 8(2):269-273, 1992.
4. **Bush-Joseph CA**, Franco M, Bach BR Jr: The lateral capsule sign associated with posterior cruciate ligament tear: A case report. *Am J Knee Surgery*, 5(4):210-212, 1992.
5. Hardin GT, Bach BR Jr, **Bush-Joseph CA**, Farr J: Endoscopic single-incision anterior cruciate ligament reconstruction using patellar tendon autograft: Surgical technique. *Am J Knee Surg*, 5:144-155, 1992.
6. Bach BR Jr, **Bush-Joseph CA**: Subacromial space injections. *Physician and Sports Medicine*, 20(2): 93-97, 1992.
7. Hardin GT, Bach BR Jr, **Bush-Joseph CA**: Extension loss following arthroscopic ACL reconstruction. *Orthopaedics (Internat Ed)*, 1(5):405-410, 1994.
8. Franco MG, Bach BR Jr, **Bush-Joseph CA**: Intraarticular placement of Kurosaka interface screws. *Arthroscopy*, 10(4):412-417, 1994.
9. **Bush-Joseph CA**, Bach BR Jr: Arthroscopic assisted posterior cruciate ligament reconstruction using patellar tendon autograft. *Sports Med and Arthroscopy Rev*, 2:106-119, 1994.
10. Nogalski MP, Bach BR Jr, **Bush-Joseph CA**, Luergans S: Trends in decreased hospitalization for ACL surgery: Double incision vs. single incision reconstruction. *Arthroscopy*, 11(2):134-138, 1995.
11. **Bush-Joseph CA**, Bach BR Jr, Bryan J: Posterior cortical violation of the femoral tunnel during endoscopic anterior cruciate reconstruction. *Am J Knee Surg* 8(4):130-133, 1995.
12. Leighton MM, **Bush-Joseph CA**, Bach BR Jr: Distal biceps brachii repair: Results in dominant and nondominant extremities. *Clin Orthop Rel Res*, 317:114-121, 1995.
13. Bryan JM, Bach BR Jr, **Bush-Joseph CA**, Fischer IM, Hsu KY: Comparison of outside-in and inside-out interference screw fixation. Failure characteristics in a

- bovine knee model. *Arthroscopy*, 12(1):76-81, 1996.
14. Novak PJ, Bach BR Jr, **Bush-Joseph CA**, Badrinath S: Cost containment: A charge comparison of ACL reconstruction. *Arthroscopy*, 12(2):160-164, 1996.
  15. Bellabarba C, **Bush-Joseph CA**, Bach BR Jr: Knee dislocation without anterior cruciate ligament disruption - A report of three cases. *Am J Knee Surg*, 9(4):167-170, 1996.
  16. Ralston B, Bach BR Jr, **Bush-Joseph CA**, Williams J, Knopp W: Osteochondritis dissecans of the knee. *Phys Sports Med*, 24(6):73-84, 1996.
  17. **Bush-Joseph CA**, Cummings JS, Buseck MS, Bylski-Austrow DI, Butler DL, Noyes FR, Grood ES: Effect of tibial attachment location on the healing of the anterior cruciate ligament freeze model. *J Orthop Research*, 14:534-541, 1996.
  18. Novak PJ, Wexler GM, Williams JR Jr, Bach BR Jr, **Bush-Joseph CA**: Comparison of screw post fixation and free bone block interference screw fixation for anterior cruciate ligament soft tissue grafts: Biomechanical considerations. *Arthroscopy*, 12(4):470-473, 1996.
  19. Bellabarba C, **Bush-Joseph CA**, Bach BR Jr: Patterns of meniscal tears in anterior cruciate ligament deficient knees: a review of the literature. *Am J Orthopaedics*, 26:18-23, 1997.
  20. **Bush-Joseph CA**: Gait analysis. Current trends in the ACL-deficient and arthritic knee. *Am J Knee Surg*, 10(4):246, 1997.
  21. Hurwitz DE, Andriacchi TP, Bush-Joseph CA, Bach BR Jr: Functional adaptations in patients with ACL-deficient knees. *Exerc Sport Sci Rev*, 25:1-20, 1997.
  22. Wexler G, Williams J, **Bush-Joseph CA**, Bach BR Jr: Bilateral asynchronous apophyseal fractures in the pelvis and proximal femur. *Orthopaedics*, 20(8):715-718, 1997.
  23. **Bush-Joseph CA**: Section Editor, "Special Focus Section: Gait Analysis". *Am J Knee Surg*, 10(4):245-267, 1997.
  24. Wang T, Knopp W, **Bush-Joseph CA**, Bach BR Jr: Osteochondritis dissecans of the knee. *Physician and Sportsmedicine*, 26(8):31-36, 1998.
  25. Bach BR Jr, Levy M, Bojchuk J, Tradonsky S, **Bush-Joseph CA**, Khan N: Single-incision endoscopic anterior cruciate ligament reconstruction using patellar tendon autograft. Minimum two-year follow-up evaluation. *Am J Sports Med*, 26(1):30-40, 1998.
  26. Bach BR Jr, Tradonsky S, Levy M, Bojchuk J, **Bush-Joseph CA**, Khan N:

Arthroscopically assisted anterior cruciate ligament reconstruction using patellar tendon autograft. Five-to-nine year follow-up evaluation. *Am J Sports Med*, 26(1):20-30, 1998.

27. **Bush-Joseph CA**, Bach BR Jr: Migration of femoral interference screw after ACL reconstruction. A case report. *Am J Knee Surgery*, 11(1):32-34, 1998.
28. Wexler G, Hurwitz D, **Bush-Joseph CA**, Andriacchi TP, Bach BR Jr: Functional gait adaptations in ACL deficient patients over time. *Clin Orthop and Rel Res*, 348:155-175, 1998.
29. Williams JS, Wexler G, Novak PJ, **Bush-Joseph CA**, Bach BR Jr, Badrinath SK: A prospective study of pain and analgesic use in outpatient endoscopic anterior cruciate ligament reconstruction. *Arthroscopy*, 14(6):613-616, 1998.
30. Ferrari JD, **Bush-Joseph CA**, Bach BR Jr: Arthroscopic assisted ACL reconstruction using patellar tendon autograft substitution – two-incision technique. *Techniques in Orthopaedics*. 13(3): 242-252,1998.
31. Ferrari JD, **Bush-Joseph CA**, Bach BR Jr: Endoscopic ACL reconstruction with patellar tendon autograft: Surgical technique. *Techniques in Orthopaedics*, 13(3): 262-274, 1998.
32. Williams JS, **Bush-Joseph CA**, Bach BR Jr: Osteochondritis dissecans of the knee. *Am J Knee Surg*, 11(4): 221-232, 1998.
33. Hennigan SP, **Bush-Joseph CA**, Kuo KN, Bach BR Jr: Throwing induced humeral shaft fracture in skeletally immature adolescents. *Orthopaedics*, 22(6):621-622, 1999.
34. Ferrari JD, **Bush-Joseph CA**, Bach BR Jr: ACL reconstruction using bone-patella tendon bone grafts: Allograft and autograft endoscopic techniques and two-incision techniques. *Operative Techniques in Sports Medicine*, 7(4):156-171, 1999.
35. Wexler G, Bach BR Jr, **Bush-Joseph CA**, Smink D, Ferrari JD, Bojchuk: Outcomes of anterior cruciate ligament reconstruction in patients with workers' compensation claims. *Arthroscopy* 16(1):49-58, 2000
36. Hasan SS, Saleem A, Bach BR Jr., **Bush-Joseph CA**, Bojchuk J: Results of arthroscopic treatment of symptomatic loss of extension following anterior cruciate ligament reconstruction. *Am J Knee Surg*, 13(4): 201-210, 2000.
37. **Bush-Joseph CA**, Hurwitz D, Patel RR, Bahrani Y, Garretson R, Bach BR Jr, Andriacchi TP: Dynamic function after anterior cruciate ligament reconstruction with autologous patellar tendon. *Am J Sports Med*, 29(1):36-41, 2001.
38. Ferrari J, Bach BR, **Bush-Joseph CA**, Wang T, Bojchuk J: Anterior cruciate

ligament reconstruction in men and women: An outcome analysis comparing gender. *Arthroscopy*, 17(6): 588-596, 2001.

39. Curran AR, Park AE, Bach BR, **Bush-Joseph CA**, Cole BJ: Outpatient ACL reconstruction: an analysis of charges and perioperative complications. *Am J Knee Surg*, 14(3):145-151, 2001.
40. Patel RR, Hurwitz DE, **Bush-Joseph CA**, Bach BR Jr., Andriacchi TP: Comparison of clinical and dynamic function in patients with anterior cruciate ligament deficiency. *Am J Sports Med*, 31(1): 68-74, 2003.
41. Mazzocca A, Meneghini M, **Bush-Joseph CA**, Badrinath S, Chhablani M: Epinephrine-induced pulmonary edema during arthroscopic knee surgery. A case report. *J Bone Joint Surg*, 85-A(5): 913-915, 2003.
42. Kuo KN, Qureshi A, **Bush-Joseph CA**, Templeton A: Ilizarov distraction histogenesis to reconstruct a massive post-traumatic osteoarticular defect: A case report. *J Bone J Surg*, 85-A:1125-1128, 2003.
43. Hardin GT, Bach BR Jr, **Bush-Joseph CA**, Farr J: Endoscopic single-incision anterior cruciate ligament reconstruction using patellar tendon autograft: surgical technique. 1992 [classical article]. *J Knee Surg*, 16(3):135-44; discussion 145-7, 2003.
44. Verma N, Noerdlinger MA, Hallab N, **Bush-Joseph CA**, Bach BR Jr: Effects of graft rotation on initial biomechanical failure characteristics of bone-patellar tendon-bone constructs. *Am J Sports Med*, 31(5):708-13, 2003.
45. Beck PR, Nho SJ, Balin J, Badrinath S, Bush-Joseph CA, Bach BR Jr., Hayden JK: Postoperative pain management after anterior cruciate ligament reconstruction. *J Knee Surg*, 17(1):18-23, 2004.
46. Fox JA, Pierce M, Bojchuk, Hayden J, **Bush-Joseph CA**, Bach BR Jr.: Revision ACL reconstruction with non-irradiated fresh-frozen patellar tendon allograft. *Arthroscopy*, 20(8):787-794, 2004.
47. Bach BR, Aadalen KJ, Dennis M, Carrierra DS, Bojchuk, Hayden J, **Bush-Joseph CA**: Primary ACL reconstruction using fresh-frozen non-irradiated patellar tendon allograft: Minimum 2 year follow-up. *Am J Sports Med*, 33:284-292, 2005
48. Nho SJ, Freedman KJ, Bansal SL, Romeo AA, Bach BR, **Bush-Joseph CA**, Cole BJ: The effect of radiofrequency energy on nonweight-bearing areas of bone following shoulder and knee arthroscopy. *Orthopedics*, 28(4): 392-399, 2005.
49. Flik KR, **Bush-Joseph CA**, Bach BR: Complete large tendon ruptures – Risk factors, signs and definitive treatment. *Phys Sports Med*, 33(8):19-28, 2005.

50. Smith AH, Bach BR Jr., **Bush-Joseph CA**: Allograft for revision ACL reconstruction: The Rush experience. *Sports Med Arthrosc Rev*, 13(2):86-92, 2005.
51. Risinger R, **Bush-Joseph CA**, Bach BR Jr: Extensor mechanism macrotraumatic injuries following the use of patellar tendon autografts. In Bach BR Jr. (Guest Editor) *Techniques in Orthopaedics: Patellar Tendon for ACL Surgery*, 20(4):391-395, 2005.
52. Glenn RE, Bach BR Jr, **Bush-Joseph CA**: Results of ACL Surgery – The RUSH Experience. In Bach BR Jr. (Guest Editor) *Techniques in Orthopaedics: Patellar Tendon for ACL Surgery*, 20(4):391-395, 2005.
53. Carreira, D, **Bush-Joseph CA**: Hip Arthroscopy, Review Article. *Orthopaedics*, 29(6):517-525. June 2006.
54. Creighton RA, Bach BR Jr., **Bush-Joseph CA**: Evaluation of the medial elbow in the throwing athlete. *Am J Orthopaedics* 35(6):266-269, 2006.
55. McCulloch P, Bush-Joseph CA: Massive heterotopic ossification complicating iliopsoas tendon lengthening: A case report. *Am J Sports Med* 34(12): 2022-2025, 2006.
56. Nho SJ, Cole BJ, Mazzocca AD, Williams JM, Romeo AA, **Bush-Joseph CA**, Bach BR, Hallab NJ: Comparison of ultrasonic suture welding versus traditional knot tying in a rabbit rotator cuff repair model. *J Shoulder Elbow Surg* 15:630-639, 2006.
57. Lattermann C, Bach BR Jr, Cole BJ, **Bush-Joseph CA**, Beck C, Beck R: Integration of arthroscopic and C-arm imaging into the arthroscopic image management system: technical note. *J Knee Surg*, 20:39-40, 2007.
58. Gomoll AH, Flik KR, Hayden JK, Cole BJ, **Bush-Joseph CA**, Bach BR Jr: Internal fixation of unstable Cahill Type-2C osteochondritis dissecans lesions of the knee in adolescent patients. *Orthopaedics*, 30(6):487-490, 2007.
59. Lee GH, McCulloch P, Cole BJ, **Bush-Joseph CA**, Bach BR Jr.: The incidence of acute patellar tendon harvest complications for anterior cruciate ligament reconstruction. *Arthroscopy*, 24(2):162-6, 2008.
60. McCarty III, LP, Alpert JM, **Bush-Joseph C**: Reconstruction of a chronic distal biceps tendon rupture 4 years after initial injury. *Am J Orthop*, 37(2):579-582, 2008.
61. Seroyer S, Nho S, Bach BR Jr, **Bush-Joseph CA**, Verma N, Nicholson G, Romeo AA: Shoulder pain in the overhead throwing athlete. *Sports Health*, 1(2): 108-120, 2009

62. Van Thiel GS, Baker<sup>3</sup> CL, **Bush-Joseph C**: A chronic posterolateral knee and patella dislocation: A case report. *J Orthop Trauma*, 23:541-545, 2009.
63. Pascual-Garrido C, Friel NA, Kirk SS, McNickle AG, Bach Jr, BR, **Bush-Joseph CA**, Verma NN, Cole BJ. *Am J Sports Med*, 37 (Suppl 1): 125S-130S, 2009.
64. Frank RM, Wilson JB, Slabaugh MA, Smith T, **Bush-Joseph CA**. Isolated chondral fragment of the lateral femoral trochlea in an adolescent: Surgical Technique and case report. *J Orthopaedics*, 6(4)e2, 2009.
65. Seroyer ST, **Nho SJ**, Bach BR, Bush-Joseph CA, Nicholson GP, Romeo AA. The Role of the Kinetic Chain in Throwers: Performance Enhancement and Injury Prevention. *Sports Health: A Multidisciplinary Approach* May 2010; March 2010; 2: 135-146.
66. Gill KC, **Bush-Joseph CA**, Nho, SJ. Hip microfractures: Indications, technique, and outcomes. *Cartilage*, 1(2): 127-136, 2010.
67. Grumet R, Nho SJ, Frank RF, Slabaugh MA, Virkus W, **Bush-Joseph CA**. Lateral sided hip pain. *Sports Health: A Multidisciplinary Approach* 2010 May; 2: 191-196.
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