

## CURRICULUM VITAE

### PERSONAL:

Name William J. Bose, M.D, MBA.

Address Advanced Orthopaedics, LLC  
2866 Dauphin Street, Suite S  
Mobile, Alabama 36606  
Phone: 251-300-2902

Date of Birth September 15, 1961  
New Orleans, Louisiana

### EDUCATION AND TRAINING:

Secondary School Archbishop Shaw High School, 1975 - 1979  
Marrero, Louisiana  
National Honor Society

College Louisiana State University  
B.S. Zoology, 1979 - 1983  
Alpha Epsilon Delta (Premedical Society), 1980-1983  
President, Alpha Epsilon Delta, 1982-1983  
T.H. Harris Scholarship, 1979-1983

Medical Louisiana State University of Medicine  
New Orleans, Louisiana  
M.D. 1983 - 1987  
Deans Award, 1987  
Teagle Foundation Scholarship, 1985-1987  
President, Study Body, 1986-1987  
Vice-President, Student Body, 1985-1986  
Student Research, Dept. of Orthopaedic Surgery, 1986-1987  
Student Research, Alton Oschner Medical Foundation, 1985

Internship University of South Alabama  
Mobile, Alabama  
General Surgery, 7/1/1987- 6/30/1988  
William Curreri, M.D., Chairman

Residency University of South Alabama  
Mobile, Alabama 251 665-8200  
Orthopaedic Surgery, 7/1/1988 - 6/30/1992  
Lewis D. Anderson, M.D., Chairman

Fellowship	University of Florida (352) 273-7293 Joint Arthroplasty and Adult Reconstruction Surgery, 7/1/1992 - 6/30/1993 R. William Petty, M.D.
MBA	Mitchell College of Business University of South Alabama 7/1/2016 – 7/31/2018
<b>LICENSURE:</b>	Alabama, active #14196 Louisiana active #MD.019510
<b>CERTIFICATION:</b>	Board Certified by the American Board of Orthopaedic Surgery, July 13, 1995 Recertified 2015 Expiration 2025
<b>APPOINTMENTS:</b>	Clinical Fellow, Adult Reconstruction Surgery Department of Orthopaedic Surgery University of Florida, 1992-1993  Assistant Professor Department of Orthopaedic Surgery Chief, Arthritis and Adult Reconstruction University of South Alabama, 7/1/1993 - 6/30/1996  Alabama Orthopaedic Clinics, P.C. Mobile, Al 7/1/1996 - 6/30/2000  The Orthopaedic Group Mobile, Al 7/1/2000 - 12/17/2009  Advanced Orthopaedics, LLC 2866 Dauphin Street Suite S Mobile, Al 36608 251 300-2902
<b>INVENTIONS:</b>	“Splash and Spill Extremity Irrigation and Debridement Surgical Drape (Splashguard)” U.S. Patent No. 5,178,162, Jan. 12, 1993.  “Acculength Leg-Length Measurement Device” U.S Patent No. 6,027,507, Feb 22, 2000.

## **PUBLICATIONS IN REFERRED JOURNALS:**

Waxman J., **Bose, WJ**: Laryngeal Manifestations of Wegener's Granulomatosis: Case reports and review of the literature. J. Rheumatol 13:408-411, 1986.

Solomonow M., Baratta R, Zhou BH, Shoji H, **Bose WJ**, Beck C, D'Ambrosia R: The Synergistic Action of the Anterior Cruciate Ligament and Knee Muscles in Maintaining Joint Stability. AM J. Sports Medicine 15:207-213, 1987.

**Bose WJ**, Metzger CS, Anderson D: Intramedullary Reaming with Tubular Tissue Protector: A Simple Method to Reduce Blood Splatter. Contemporary Orthopaedics 23(6): 612, 1991.

**Bose WJ**, Corces A, Anderson LD: A Preliminary Experience with the Russell-Taylor Reconstruction Nail for Complex Femoral Fractures. Journal of Trauma 23(1): 71-76, 1992.

Nimityongskul P, **Bose WJ**, Hurley DP, Anderson, LD: Superficial Temporal Artery Laceration: A Complication of Skull Tong Traction. Orthopaedic Review 21(6): 761-765, 1992.

King AG, MacEwen GD, **Bose WJ**: Transpedicular Convex Anterior Hemiepiphysodesis and Posterior Arthrodesis for Progressive Congenital Scoliosis. Spine 17(8): S291-294, 1992.

**Bose WJ**, Gearen PF, Petty RW: "Long Term Outcomes of 42 Knees with Chronic Infection After Total Knee Arthroplasty", Clinical Orthopaedics and Related Research 319:P285-296.

**Bose WJ**, Miller, GJ, Petty RW: Acetabular Osteolysis in a Bipolar Hemiarthroplasty: A Late Complication. Journal of Bone and Joint Surgery 77A:1733-1735, 1996.

Lolley RD, **Bose WJ**, Bastian F, Bassam B, Anderson LD: Vein, Silastic and PGA Fine Mesh: A Comparative Study in Peripheral Nerve Repair. Annals of Plastic Surgery 35(3):256-271.

**Bose WJ**: The Potential use of Human Recombinant Erythropoietin in Orthopaedic Surgery. Orthopaedics Vol. 19(4)325-328, 1996.

**Bose WJ**, Miller GJ, Petty RW: Surgical Management of Infections Following Total Knee Arthroplasty. Orthopaedic Transactions

**Bose WJ**, Miller GJ, Petty RW: Immediate Torsional Stability of a Trapezoidal and Circular Cross-Sectional Designed Straight Femoral Stems: A Comparison. Contemporary Orthopaedics

**Bose WJ**, Petty RW: Femoral Artery and Nerve Compression by Bulk Allograft After Acetabular Reconstruction. Journal of Arthroplasty Vol. 11(3):348-350, 1996.

## **PUBLICATIONS IN NON-REFERRED JOURNALS:**

**Bose WJ:** Advances in Total Hip and Knee Arthroplasty. Mobile Press Register, September, 18, 1994.

**Bose WJ:** Arthritis and Total Joint Replacement of the Hip and Knee. The Second Half, November, 1995.

## **PRESENTATIONS**

1. "Minimal Incision Total Knee Arthroplasty Using Low Profile Instrumentation- A Practical Approach," Advances in Arthroplasty, Hilton Head, SC, October 5, 1997.
2. "Infection to Correction," Advances in Arthroplasty, Hilton Head, SC, October 6, 1997.
3. "Femoral Hip Revision Using Exactech AcuMatch M-Series--- Early Outcomes," Advances in Arthroplasty, Hilton Head, SC, October 5, 1997.
4. "Minimally Invasive Total Knee Arthroplasty Use of Low Profile Instrumentation," Advances in Joint Restoration International Conference, Honolulu-Oahu, Hawaii, April 4, 2008.
5. "Prevention and Treatment of the Infected Total Knee Arthroplasty," Advances in Joint Restoration International Conference, Honolulu-Oahu, Hawaii, April 4, 2008.
6. "Results of A Modular Three Part Femoral Stem: Clinical Performance and Surgical Technique," Advances in Joint Restoration International Conference, Honolulu-Oahu, Hawaii, April 5, 2008.
7. "Minimally Invasive Total Knee Arthroplasty Using Low Profile Instrumentation: Practical Approach," The Exactech Experience International Conference, Gainesville, FL, September 8, 2008.
8. "How to Approach Complicated Knee Revisions," The Exactech Experience International Conference, Gainesville, FL, September 9, 2008.
9. "Result of a Modular Three-Part Femoral Stem: Clinical Performance & Surgical Technique," The Exactech Experience International Conference, Gainesville, FL, September 9, 2008.
10. "Keys to Successful Total Knee Arthroplasty," The Exactech Experience International Conference, Gainesville, FL, February 11, 2009.
11. "Operative Technique in Sawbones Lab," The Exactech Experience International Conference, Gainesville, FL, February 11, 2009.
12. "Cadaver Lab: UNI Demonstration & Hands on Lab," The Exactech Experience International Conference, Gainesville, FL, February 12, 2009.
13. "Cadaver Lab: Revision Knee," The Exactech Experience International Conference, Gainesville, FL, February 12, 2009.
14. "Total Knee Replacement Surgery: Which is Correct, a Standard or Reduced Incision?," The Exactech Experience International Conference, Gainesville, FL, February 12, 2009.
15. "Implant Selection: How to Make the Appropriate Choice," The Exactech Experience International Conference, Gainesville, FL, February 12, 2009.
16. "Surgical Skills Lab: Optetrak Primary Knees Demo," The Exactech Experience International Conference, Gainesville, FL, February 12, 2009.
17. "Surgical Technique Presentation: Optetrak Revision Knees," The Exactech Experience International Conference, Gainesville, FL, February 12, 2009.

18. "Revision of the Infected Prosthesis," The Exactech Experience International Conference, Gainesville, FL, February 13, 2009.
19. "Minimally Invasive Total Knee Arthroplasty Using Low Profile Instrumentation: Practical Approach," The Exactech Experience International Conference, Gainesville, FL, June 9, 2009.
20. "How to Approach Complicated Knee Revisions," The Exactech Experience International Conference, Gainesville, FL, June 9, 2009.
21. "Tough Surgical Case Review & Discussion," The Exactech Experience International Conference, Gainesville, FL, June 9, 2009.
22. "Result of a Modular Three-Part Femoral Stem: Clinical Performance & Surgical Technique," The Exactech Experience International Conference, Gainesville, FL, June 9, 2009.
23. "Surgical Technique with GPS Navigation," (Surgical Skills Instructional Lab), Exactech GPS — Project Advancement Meeting, Orlando, FL, October 3, 2009.
24. "Total Hip Arthroplasty Surgical Skills Lab: Primary Hips," Exactech Medical Education Conference, Gainesville, FL, July 15, 2010.
25. "Tough Case Review and Discussion," Exactech Medical Education Conference, Gainesville, FL, July 15, 2010.
26. "Demonstration on Cadaveric Specimen of the All-Cuts Profile," Exactech GPS Specialist Certification, November 13, 2010.
27. "Challenging Case Review & Discussion," Advances in Orthopaedics International Conference, Gainesville, FL, December 6, 2010.
28. "Design Rationale: Novation Hip System Clinical Outcomes & Observations," Advances in Orthopaedics International Conference, Gainesville, FL, December 7, 2010.
29. "Challenges in Revision Hip Surgery," Advances in Orthopaedics International Conference, Gainesville, FL, December 7, 2010.
30. "The Future of Computer Assisted Surgery in Total Joint Replacement," Advances in Orthopaedics International Conference, Gainesville, FL, December 7, 2010.
31. "Patient Education & Practice Marketing: A Surgeon's Perspective," Exactech National Sales Meeting, Las Vegas, NV, January 15, 2011
32. "Preservation of the Cruciate Ligament: A Novel Implant Solution," Medical Education and Surgical Skills Lab, Buenos Aires, Argentina, May 5, 2011.
33. "Keys to Successful Outcome in Revision TKA," Medical Education and Surgical Skills Lab, Buenos Aires, Argentina, May 6, 2011.
34. "Revision of the Infected Prosthesis," Medical Education and Surgical Skills Lab, Buenos Aires, Argentina, May 6, 2011.

## **RESEARCH GRANTS:**

1992. Southern Medical Association Research Project Fund; "Proper placement of the syndesmosis screw in ankle fractures – a biomechanical study." \$2,500.
- 1994 "An Open-Label, Randomized, Parallel Group Study To Compare The Safety and Efficacy of Two Dosing Regimens Of Procrit (Epoetin Alfa) In Subjects Undergoing Major Orthopaedic Surgery Protocol #N93-057." R.W. Johnson Pharmaceutical Research Institute. \$75,000.

- 1995 “A Double-Blind, Placebo-Controlled Clinical Trial Comparing the Efficacy and Safety of Prolonged Outpatient Enoxaparin and Placebo Therapies in the Prevention of Venous Thromboembolic Disease in Patients Undergoing Elective Primary Hip or Knee Replacement.” March, 1994. \$50,000.
1996. “An Open-Label, Randomized, Parallel Group Study to Compare the Efficacy and Safety of PROCRIT (Epoetin Alfa) Administered Perioperatively and Autologous Predeposit to Reduce the Risk of Allogenic Transfusion in Subjects Undergoing Major, Elective, Orthopaedic Surgery Protocol EPO-APO2-474.

## **CONSULTANTS:**

### **Exactech, Inc.**

- Design team for hip and knee instrumentation systems
- AcuMatch P-Series Press fit hip
- AcuMatch A-Series Acetabular system
- Optetrak knee system clinical evaluator
- Optetrak knee LPI instrumentation
- Exactech GPS developer and Clinical evaluator
- Physician instructor in Cadaveric labs for Total Knee Replacement

### **Wright Medical Technology**

- Design team for PATH Hip Instrumentation
- Design team for preop CT Navigation for TKA
- Physician instructor in Cadaveric labs for Total Hip Replacement

## **PROFESSIONAL MEMBERSHIPS:**

- American Medical Association
- American Academy of Orthopaedic Surgeons
- Southern Medical Association
- Alabama Orthopaedic Society
- Southern Orthopaedic Association
- Medical Society of Mobile County
- American Association of Hip and Knee Surgeons (AAHKS)
- International Society of Hip Arthroscopy (ISHA)