

# VAMSY S. BOBBA, M.D.

1110 W. Schick Road, Bartlett, IL 60103

## EDUCATION/TRAINING

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### **BROWN UNIVERSITY, PROVIDENCE, RI 02905**

*Oct 2022 – Aug 2023 – Attending Spine Surgeon*

*Oct 2021 – Aug 2022 – MIS Spine Fellowship/Attending Spine Surgeon*

*Aug 2020 – Jul 2021 – Fellowship, Spine Surgery*

*Aug 2020 – Aug 2023 – Clinical Instructor, Brown University, Warren Alpert Medical School*

### **DETROIT MEDICAL CENTER, DETROIT, MI 48201**

*Jul 2019 – Jun 2020 – Chief Resident in Orthopaedic Surgery*

*Jul 2015 – Jun 2019 – Resident in Orthopaedic Surgery*

### **DREXEL UNIVERSITY COLLEGE OF MEDICINE, PHILADELPHIA, PA 19129**

*Aug 2011 – May 2015 - Doctor of Medicine (MD)*

### **JOHNS HOPKINS UNIVERSITY, ZANVYL KRIEGER SCHOOL OF ARTS AND SCIENCES, BALTIMORE, MD 21218**

*Jan 2010 – May 2011 - Master of Science (MS), Bioscience Regulatory Affairs*

### **COLUMBIA UNIVERSITY, FU FOUNDATION SCHOOL OF ENGINEERING AND APPLIED SCIENCE, NEW YORK, NY 10027**

*Sep 2005 – May 2009 - Bachelor of Science (BS), Major: Biomedical Engineering*

## HONORS/ACHIEVEMENTS

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**2019-2020 CHIEF RESIDENT, ORTHOPAEDIC SURGERY**

**2014 DREXEL UNIVERSITY CLINICAL SKILLS ASSESSMENT EXAM – Top decile of class.**

**2012 DREXEL UNIVERSITY PEER EVALUATION AWARD – Commendation for Exemplary Professional Conduct.**

**2005-2009 C. PRESCOTT DAVIS SCHOLAR – Engineering scholar at Columbia University.**

**2005-2009 JPMORGAN CHASE SCHOLARSHIP – Merit scholarship.**

**2005-2007 SUMMER RESEARCH SCHOLAR –Inst. for Regenerative Medicine at Wake Forest University, Winston-Salem, NC.**

**2004 & 2005 YOUTH LEADERSHIP AWARD – Beth Israel Deaconess Medical Center, Boston, MA.**

## WORK, RESEARCH, and VOLUNTEER EXPERIENCE

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### **SUBURBAN ORTHOPAEDICS**

Bartlett, IL

*Spine Surgeon*

Sep '23 – Present

- Evaluated and treated patients for degenerative, trauma, deformity, revision, oncologic, and infectious spine cases.

### **BROWN UNIVERSITY / UNIVERSITY ORTHOPEDICS INC**

Providence, RI

*Attending Spine Surgeon, Orthopaedic Surgery/Spine Surgery*

Sep '22 – Aug '23

- Performed 800 degenerative, trauma, deformity, revision, oncologic, and infectious spine cases. Certified with robotic and navigated spine instrumentation and kyphoplasty.

### **BROWN UNIVERSITY / UNIVERSITY ORTHOPEDICS INC**

Providence, RI

*Fellow/Private Practice Attending, Orthopaedic Surgery/Spine Surgery*

Aug '20 – Aug '22

- Responsible for evaluating and managing spine trauma clinic, and teaching and directing residents and junior fellows. Proficient in degenerative, level 1 trauma, deformity, revision, oncologic, and infectious spine cases.

### **DETROIT MEDICAL CENTER**

Detroit, MI

*Resident, Orthopaedic Surgery*

Jul '15 – Jun '20

Research projects

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- 2017 – 2020: Novel Method of Determining Femoral Version. Developing newer, more accurate algorithm to evaluate femoral version for use during IM nailing for femoral shaft fractures.
- 2016 – 2019: Spine biomechanics study: Pedicle Screw Pullout Strength with PMMA v Proprietary New Bone Cement. Evaluate pedicle screw strength, both torsional and axial, with an in vitro biomechanical model and compare currently available PMMA versus newly developed bone cement.

## GREENLEAF ORTHOPAEDIC ASSOCIATES

*Research/Shadowing*

Libertyville, IL

Jun '12 – Jul '12

- Evaluated trends in the treatment of recurrent patellofemoral instability between 1998 and 2012. Resulted in an abstract submission to AAOS 2015.
- Developed clinical skills and documenting skills by examining patients at a sports medicine setting and being actively involved in their surgical care and follow-up.
- Became acquainted with running and managing a private healthcare practice.

## DREXEL UNIVERSITY ORAL HEALTH INITIATIVE

*Volunteer*

Philadelphia, PA

Sept '11 – May '12

- Attended weekly hour-long sessions to gain a greater understanding of the importance of oral health and its benefits and applications for MDs in the treatment of their patients.
- Expanded my appreciation for pre-operative health and dental clearance for surgical patients.

## HOSPITAL FOR SPECIAL SURGERY

*Clinical Research Coordinator*

New York, NY

Jun '09 – Jul '11

- Supported two Lupus and one osteolysis total hip revision clinical studies; responsibilities included submitting protocols to the IRB, consenting patients for the studies, coordinating sample collection with surgeons, and assisting in literature search, presentation materials, and data analyses.

## WAKE FOREST INSTITUTE FOR REGENERATIVE MEDICINE

*Summer Research Intern/Summer Research Scholar*

Winston-Salem, NC

Jul '04 – Aug '07

- Developed study protocols, performed animal surgeries, and conducted tissue engineering research to evaluate whey protein isolates and keratin derivatives to develop resuscitation fluids and aid in regeneration of peripheral nerves and healing of full thickness wounds.

## NEW YORK PRESBYTERIAN HOSPITAL/WEILL CORNELL MEDICAL SCHOOL

*Volunteer Clinical Study Coordinator (8 h/wk)*

New York, NY

Sept '05 – Dec '08

## BETH ISRAEL DEACONESS MEDICAL CENTER EMERGENCY DEPARTMENT

*Emergency Department Family/Patient Liaison Volunteer*

Boston, MA

May '03 – May '05

## PUBLICATIONS/POSTERS

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Sleiman, B., Sayeed, Z., Padela, M. T., Padela, A. F., **Bobba, V.**, Yassir, W., Saleh, K. J. (2019). Review article: Current lit. on surgical checklists and handoff tools and app. for orthopaedic surgery. *Journal of Orthopaedics*, 16(1), 86–90.

Bundle Payment for Musculoskeletal Care: Current Evidence (Part 1). Piccinin, M. A., Sayeed, Z., Kozlowski, R., **Bobba, V.**, Knesek, D., Frush, T.; *Orthop. Clin. North Am.* 2018; 49:135-146.

Bundle Payment for Musculoskeletal Care: Current Evidence (Part 2). Piccinin, M. A., Sayeed, Z., Kozlowski, R., **Bobba, V.**, Knesek, D., Frush, T.; *Orthop. Clin. North Am.* 2018; 49:147-156.

H Elrashidy, **V Bobba.** Elbow Bursitis and Tendonitis. Pocket Orthopedics, Lippincott, 2014.

**V Bobba, et al.** Wound Healing Using Tissue Engineered Skin Derived from Amniotic Fluid Stem Cells. Poster presentation at Inst. for Regenerative Medicine at Wake Forest University School of Medicine, August 2007.

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Sierpinski PL, **Bobba V**, Van Dyke M. Biocompatibility of Keratin Biomaterials Derived from Human Hair. Poster presentation at North Carolina Tissue Engineering Meeting, Durham, NC, August 2006.

**V Bobba**. Effects of Keratins and Whey Protein Isolates on Cell Proliferation. Presented at Inst. for Regenerative Medicine at Wake Forest University School of Medicine, August 2006.

## PRESENTATIONS

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**V Bobba**. Slipped Capital Femoral Epiphysis. Presented at DMC Orthopaedic Surgery Grand Rounds in Detroit, MI, February 2020.

**V Bobba**. Physical Examination of the Lumbar Spine. Presented at DMC Orthopaedic Surgery Grand Rounds in Detroit, MI, November 2019.

**V Bobba**. Case Report: Cervical Syrinx. Presented at DMC Sports Medicine Conference in Detroit, MI, September 2019.

**V Bobba**. Case Report: Rotator Cuff Tears. Presented at DMC Sports Medicine Conference in Detroit, MI, April 2018.

**V Bobba**. Neuromuscular Disorders and Muscle Ruptures. Presented at DMC Orthopaedic Surgery Grand Rounds in Detroit, MI, February 2018.

**V Bobba**. Elderly Abuse and Social Issues. Presented at DMC Orthopaedic Surgery Grand Rounds in Detroit, MI, December 2017.

**V Bobba**. Case Report: Pediatric Proximal Humerus Fractures. Presented at DMC Sports Medicine Conference in Detroit, MI, February 2017.

## TRAINING/MEETINGS

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2021 - Medtronic Robotic Certification, Miami, FL

2020 - Medtronic Kyphoplasty Certification, Troy, MI

2019 - *Arbeitsgemeinschaft für Osteosynthesefragen (AO) Trauma Advanced Course*, Glendale, AZ

2019 - *North American Spine Society Annual Meeting*, Chicago, IL

2019 - *AOA C. McCollister Evarts Resident Leadership Forum*, San Diego, CA

2019 - *Musculoskeletal Pathology (Enneking Tumor) Course*, Gainesville, FL

2015-2019 - *Detroit Regional Sports Medicine Symposium*, Detroit, MI

2018 - *North American Spine Society Fundamentals of Spine Surgery for Residents and Fellows*, Burr Ridge, IL

2018 - *Seattle Science Foundation ONE Spine Residents and Fellows Course*, Seattle, WA

2017 - *Arbeitsgemeinschaft für Osteosynthesefragen (AO) Trauma Basic Course*, Dallas, TX

2015 - *Johnson & Johnson Institute Michigan Residents Smart Lab*, Kalamazoo, MI

## PROFESSIONAL SOCIETIES

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*American Academy of Orthopaedic Surgeons* – Candidate Member

*North American Spine Society* - Member

*American Medical Association* – Member