

Brian E. Seng, D.O.

Orthopedic Surgeon, Fellowship Trained & Board Certified

Specialist in Hip and Knee Replacement

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Work History

- 5/18-present **Total Joint Specialists**, Canton, GA
- 10/21-present **Chief of Surgery- Northside Hospital Cherokee**, Canton, GA
- 1/17-present **Orthopedic QI Committee Member/Reviewer**, Northside Hospital
- 3/17-present **Team Physician Cherokee County Schools**, Canton, GA
- 3/15-5/18 **Northside Cherokee Orthopedics and Sports Medicine**, Woodstock, GA
- 09/13-02/15 **Southeastern Sports Medicine**, Asheville, NC
- 08/09-08/13 **Hendersonville Orthopedics**, Hendersonville, NC

Post-Graduate Training

- 08/08-07/09 **Fellowship, Adult Reconstruction**
Joint Implant Surgeons, Columbus, OH
Dr. Adolph V. Lombardi, M.D., Dr. Keith Berend, M.D.
- 07/04-06/08 **Orthopedic Surgery Residency**
St. John Oakland Hospital, Madison Heights, MI
Michigan State University Statewide Campus System
- 07/03-06/04 **Internship**
St. John Oakland Hospital, Madison Heights, MI

Education

- 1999-2003 **Doctor of Osteopathic Medicine**
Kirksville College of Osteopathic Medicine, Kirksville, MO
- 1996 **Bachelor of Science, Zoology**
Washington State University, Pullman, WA

Honors

- 2022 **Board Re-Certification** in Orthopedic surgery by the AOBOS
- 2012 **Board Certified** in Orthopedic surgery by the AOBOS
- 2008 **Sidney Simonian Orthopedic Surgery Resident of the Year**
- 2007-2008 **Chief Resident**, Orthopedic Surgery, St. John Oakland Hospital
- 2004 **Intern of the Year**, St. John Oakland Hospital
- 2003-2004 **Chief Intern**, St. John Oakland Hospital

Medical Missions/ Volunteer Activities

- 2015-present **Cherokee County Schools Sports Medicine Program**
- 2011 **Team Physician**, Hendersonville Christian School Football Team
- 2005-2006 **Team Physician**, Hazel Park High School Football Team
- 1998 **Port Au Prince, Haiti**
Transported medical supplies and worked in shelters run by the sisters of

1998 Mother Teresa
Mexico
Assisted with orthopaedic and ophthalmic surgeries

1997 **Calcutta, India**
Worked in medical shelters run by the sisters of Mother Teresa

Publications

Seng BE, Berend KR, Ajluni AF, Lombardi AV Jr. Anterior-supine minimally invasive total hip arthroplasty: Defining the learning curve. *Orthop Clin N Am* 2009;40:343-350.

Berend KR, Lombardi AV Jr., **Seng BE**, Adams JB. Enhanced early outcomes with the anterior supine intermuscular approach in primary total hip arthroplasty. *JBJS*. Nov 2009;91:107-120.

Lombardi, A.V. Jr., Berend, K.R., **Seng, B.E.**, Clarke, I.C., Adams, J.B.: Delta ceramic-on-alumina ceramic articulation in primary THA. A prospective, randomized FDA-IDE study and retrieval analysis. *CORR* 2010; 468: 367-374.

Latteier MJ, Berend KR, Lombardi AV Jr, Ajluni AF, **Seng BE**, Adams JB.: Gender is a significant factor for failure of metal-on-metal total hip arthroplasty. *J Arthroplasty*. 2011 Sep; 26 (6Suppl):19-23.

Presentations

"Surgical Fixation of Capitellum Fractures in Adolescents"
Michigan State University Statewide Campus System Research Day
June, 2008; East Lansing, MI

"Revision Total Knee Arthroplasty"
Grand Rounds, Ohio State University Orthopaedic Surgery
March 27, 2009; Columbus, OH

"Metal-on-Metal Bearings in Total Hip Arthroplasty: Minimum 2-year Follow-up"
Brian E. Seng, D.O., Andrew F. Ajluni, D.O., Keith R. Berend, M.D.,
Michael Skeel, D.O., Adolph V. Lombardi, Jr., M.D.
Ohio Orthopaedic Society's Annual Resident Paper's Contest, 70th Annual Meeting
May 8, 2009; Columbus, OH

"Enhanced Early Outcome with Anterior Supine Total Hip Arthroplasty"
37th Annual Mallory-Coleman Resident Research Day,
June 4, 2009; Ohio State University, Columbus, OH

"Flexion Instability in Total Knee Arthroplasty"
2015 AOA Annual Meeting, Oct. 16, 2015

"Direct Anterior Hip Replacement"
Georgia AST Meeting, Nov. 12, 2016; Canton, GA

"Direct Anterior Hip Replacement"
Georgia State Assembly of AST Fall Meeting, March 10, 2018; Atlanta, GA

“Hospital Based Same-Day Discharges in Total Hip and Knee Arthroplasty”
58th Annual AOA Postgraduate Seminar, May 5, 2018; Atlanta, GA

“Kinematic based, gap balanced, technology assisted, personalized total knee arthroplasty” 64th Annual AOA Spring Meeting, April 19, 2024: Las Vegas, NV

Scientific Presentations

“Gender is a significant factor for failure of Metal-on-Metal Total Hip Arthroplasty”
Berend, DR, Lombardi, AV, Ajluni, AF, Seng, BE, Skeels, MD. AAHKS Annual Meeting
Nov 5-7, 2010; Dallas, TX.

Scientific Exhibits

“Enhanced Early Outcomes with Anterior Supine Intramuscular Approach in Primary Total Hip Arthroplasty” Keith R. Berend, M.D., Adolph V. Lombardi, Jr., M.D., F.A.C.S., Brian E. Seng, D.O., Joanne B. Adams, B.F.A. American Academy of Orthopaedic Surgeons, 76th Annual Meeting February 25-28, 2009; Las Vegas, NV.

“Metal-on-Metal Bearings in Total Hip Arthroplasty: Minimum 2-Year Follow-up”
Berend KR, Lombardi Jr AV, Seng BE, Ajluni AF, Skeels M. American Academy of Orthopaedic Surgeons, 77th Annual Meeting March 9-13, 2010; New Orleans, LA.

Product Development

Das/Seng Direct Anterior Total Hip Instruments, Innomed, Inc.

Professional Associations

American Academy of Hip and Knee Surgeons
American Academy of Orthopedic Surgeons
American Osteopathic Academy of Orthopedics
American Osteopathic Association

Clinical Specialties

Direct Anterior Hip Replacement
Minimally Invasive Total Knee Replacement
Minimally Invasive Partial Knee Replacement
Revision Total Hip Replacement
Revision Total Knee Replacement
Complex Peri-prosthetic Hip and Knee Fractures
Sideline coverage of High School Football Games

Notable Clinical Rotations

2007	Pediatric Orthopedics (12 weeks) Children's Healthcare of Atlanta at Scottish Rite, Atlanta, GA
2007	Orthopedic Traumatology (12 weeks) Detroit Receiving Hospital at the Detroit Medical Center, Detroit, MI
2006	Orthopedic Oncology (6 weeks) William Beaumont Hospital, Royal Oak, MI

