

SAMUEL R. SCHROERLUCKE

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Memphis, TN 38117
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CURRENT EMPLOYMENT

Orthopaedic / Spine Surgeon
Tabor Orthopedics – MSK Group 8/2010- Present
Crosstown Back and Pain Institute
Board Certified

EDUCATION

San Diego Center for Spinal Disorders
Adult and Pediatric Spine Fellowship 8/2009-7/2010

Medical College of Georgia
Orthopaedic Surgery Resident 7/2005-6/2009

Medical College of Georgia, Augusta GA
Medical Doctor 7/2004-6/2005

Furman University, Greenville SC
Bachelor of Science in Exercise Science-cum laude 12/1998

HONORS and DISTINCTIONS

2015- Physician of the Month – St Francis Bartlett
2013- Appointed to 'Physician Leadership Group' St Francis Bartlett
2013- Physician of the Month – St Francis Bartlett
2004- Elected to Furman University Athletic Hall of Fame
1998-2000- Professional Tennis Player
1998- Furman University Male Scholar-Athlete of the Year
1998- Participant in NCAA National Tennis Championships in Athens, GA
1995, 1997, 1998- Southern Conference Tennis Player of the Year
1995, 1996- Southern Conference Sportsmanship Award Recipient
1994-1998- All-Southern Conference Singles and Doubles
1994-1998- #1 Singles and #1 Doubles player Furman Men's Tennis
1994-1998- Captain Furman University Men's Tennis Team
1996- Furman University Male Athlete of the Year
1996-1998- Member Alpha Epsilon Delta- premedical honor society
1994-1998- Wylie Math Scholarship
1994-1998- Furman Achievement Scholarship

PUBLICATIONS

Arandi NR, Mundis GM, Kabirian N, Zhang D, Schroerlucke S. "Traumatic complete dislocation at the lumbosacral junction: a case report" *J Spinal Disord Tech*. 2015 Feb;28(1):56-60.

Schroerlucke S, Steklov N, Mundis GM, Marino JF, Akbarnia BA, Eastlack RK. "How Does a novel monoplane pedicle screw perform biomechanically relative to monoaxial and polyaxial designs?" *Clinical Orthopedics and Related Research*. 2014 Sep;472(9):2826-32.

Carter C, Schroerlucke S, Rosenblum W, Martell J. "Open ligamentous disruption of the lateral aspect of the ankle without associated fracture or dislocation" *JBJS Case Connector*. 3(1), Feb 27, 2013.

Schroerlucke, S, Akbarnia B, Pawelek J, Salari P, Mundis G, Yazici M, Emans J, Sponseller P "How does thoracic kyphosis affect outcomes in growing rod surgery" *Spine*. 2012 July;1;37(15):1303-9.

Schroerlucke S, Bertrand S, Clapp J, Bundy J, Gregg FO. "Eight plate failure after hemiepiphysiodesis for the treatment of Bount disease" *Journal of Pediatric Orthopaedics*. 2009 Jan/Feb 29(1):57-60.

PODIUM AND POSTER PRESENTATIONS

Zahrawi F, Schroerlucke S, Good C, Wang M. "First Report From MIS ReFRESH - a Prospective, Comparative Study of Robotic- Guidance vs. Freehand Pedicle Screw Placement in Minimally Invasive Lumbar Surgery" to be presented as podium presentation at North American Spine Society (NASS) annual meeting in Boston MA, October 2016.

Sweeney T, Cannestra A, Poeltra K, Schroerlucke S. "Retrospective Comparative Review of Robotic-Guidance VS. Freehand Instrumentation in 705 Adult Degenerative Spine Patients Operated in Minimally Invasive (MIS) and Open Approaches" to be presented as podium presentation at North American Spine Society (NASS) annual meeting in Boston MA, October 2016.

Zahrawi F, Schroerlucke S, Good C, Wang M. "First Report From MIS ReFRESH - a Prospective, Comparative Study of Robotic- Guidance vs. Freehand Pedicle Screw Placement in Minimally Invasive Lumbar Surgery" presented as podium presentation at International Meeting of Advanced Surgical Techniques (IMAST) in Washington DC, July 2016.

Sweeney T, Cannestra A, Poeltra K, Schroerlucke S. "Retrospective Comparative Review of Robotic-Guidance VS. Freehand Instrumentation in 705 Adult Degenerative Spine Patients Operated in Minimally Invasive (MIS) and Open Approaches" presented as podium presentation at International Meeting of Advanced Surgical Techniques (IMAST) in Washington DC, July 2016.

Schroerlucke S, Harris E, Wolf T, Wolf A. "Comparison of Single-level MIS Posterior Lumbar Fusions, with vs without Robotic-Guidance- A Retrospective Review" presented as podium presentation at Society of Lateral Access Surgeons annual meeting in Carlsbad, CA March 2016.

Hennessey M, Grogan S, Chen X, Sovani S, D'Lima D, Schroerlucke S, Eastlack R. "Isolation of Osteogenic Cell Populations from Bone Fragments Harvested During Lumbar Spine Fusion Procedures" presented as podium presentation at North American Spine Society annual meeting in Dallas, TX October 2012.

Hennessey M, Grogan S, Chen X, Sovani S, D'Lima D, Schroerlucke S, Eastlack R. "Isolation of Osteogenic Cell Populations from Bone Fragments Harvested During Lumbar Spine Fusion Procedures" presented as podium presentation at Spine Study Group annual meeting in Palm Beach, FL May 2012.

Schroerlucke S, Steklov N, Mundis GM, Marino JF, Akbarnia BA, Eastlack RK. "How Does a novel monoplanar pedicle screw perform biomechanically relative to monoaxial and polyaxial designs?" presented as podium presentation at Society for Minimally Invasive Spine Surgery annual meeting in Las Vegas, NV October 2011.

Schroerlucke S, Akbarnia B, Mundis G, Salari P, Pawelek J. "Preoperative thoracic hyperkyphosis predicts a higher complication rate in growing rod treatment for early onset scoliosis" presented as podium presentation at Scoliosis Research Society annual meeting in Kyoto Japan September 2010.

Schroerlucke S, Akbarnia B, Mundis G, Bagheri R, Salari P, Pawelek J. "Isolating the effect of the lateral approach in combined anterior and posterior surgery for adult spinal deformity: A radiographic analysis" presented as podium presentation at Society of Lateral Access Surgery annual meeting. San Diego, California April 2010.

Schroerlucke S, Akbarnia B, Mundis G, Bagheri R, Salari P, Pawelek J. "Can XLIF improve coronal L4 tilt in severe adult lumbar scoliosis?" presented as podium presentation at Society of Lateral Access Surgery annual meeting. San Diego, California April 2010.

Schroerlucke S, Fulcher M, Spitler C. "The use of plating for proximal interphalangeal joint arthrodesis" presented as poster display at American Association of Hand Surgery annual meeting. Maui, Hawaii January 2009.

Bundy J, Schroerlucke S, Johnson S, Sullivan J, Chutkan N. "Morphology of the C1 posterior ring and its implication for lateral mass fixation" presented as poster display at Scoliosis Research Society International Meeting of Advanced Surgical Techniques (IMAST). Hong Kong, July 2008.

Schroerlucke S, Bertrand S, Clapp J, Gregg FO, Bundy J. "Eight plate failure after

hemiepiphysiodesis for the treatment of Bount disease” presented as podium presentation at Pediatric Orthopaedic Society of North America Annual meeting in Albuquerque, NM. May 2008.

Brooks K, Fulcher M, Tucker M, Schroerlucke S. “The use of volar plates for distal radius fractures- technique and results” presented as podium presentation at 2003 Georgia Orthopaedic Society Annual Meeting. St. Simons, GA. Feb. 2003.

McCord MW, Schroerlucke S, Balfour TB, McCord DL, Quinn MS, Randolph EG, Smith SP. “Breast conserving therapy in a community based radiation oncology group: Review of a ten year experience” presented as poster display at 2nd Southeastern Family Medicine Primary Care Research Conference & Health Sciences Research Conference. Savannah, GA. April, 2002.

RESEARCH IN PROGRESS

Schroerlucke S. “Robotic vs traditional pedicle screw placement – prospective study”

Schroerlucke S. “Single day anterior and posterior fusions vs. staged – retrospective study”

MEMBERSHIPS

Scoliosis Research Society
North American Spine Society

PERSONAL

Married to Brannon with four sons, Samuel, Bo, Witt, and Lake.
Enjoy surfing, tennis, cycling, golf, skiing and spending time with family.