John Renford Burleson, MD

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CURRENT EMPLOYMENT

I am a Board Certified (American Board of Orthopedic Surgery) Orthopedic Spine surgeon with Hughston Clinic Orthopaedics in Middle Tennessee. I function primarily as a spine surgeon, but I also take general orthopedic trauma call and fix fractures as required. I use spinal robotics, surgical navigation and augmented reality when indicated and believe in making surgeries as minimally invasive as possible to achieve the best outcome.

EDUCATION

August 2019 – July 2020

Texas Back Institute

* Spine Surgery Fellow

July 2013 – June 2019

University of Massachusetts Medical Center

* Orthopaedic Surgery Residency (With additional year of research)

August 2009 – May 2013

University of Texas Medical School at Houston

* Doctor of Medicine

August 2005 – May 2009

Dallas Baptist University, Dallas, TX

* Bachelor of Science, Biology, Minor Chemistry

COMMITTEES

Physician Ambassador Committee – TriStar StoneCrest Hospital – August 2023 - Present

Credentialing Committee - TriStar StoneCrest Hospital - January 2023 – Present

Surgical Robotics Committee – TriStar StoneCrest Hospital – January 2022 - Present

Surgery Advisory Committee - TriStar StoneCrest Hospital - June 2021 - Present

Trauma Surgery Committee - TriStar StoneCrest Hospital - January 2021 – Present

LEADERSHIP POSITION

Chairman

* Department of Surgery, TriStar StoneCrest medical Center – January 2025 - Present

PRESENTATIONS

Haddas R, Derman P, **Burleson J,** Block A, Lieberman IH. The Effect of Surgical Decompression and Fusion on Balance in Patients with Degenerative Lumbar Spondylolisthesis. Society for Minimally Invasive Spine Surgery, Las Vegas, NV, October 2019

**Burleson JR,** Wagner PJ, Connolly PJ, DiPaola CP, Stauff MP. Comparing the Clinical Outcome of Different Surgical Management Options for Degenerative Spondylolisthesis of the Lumbar Spine.

Eastern Orthopedic Association Annual Meeting. Wailea, HI. June 17th-20th, 2015.

Wagner PJ, Adams S, **Burleson JR**, Connolly PJ, Dipaola CP, Stauff MP. Instrumentation Failure and Reoperation for Posterior Cervical Fusion that Crosses the Cervicothoracic Junction.

CSRS Annual Meeting. Orlando, FL. Dec 4th-6th, 2014 (presented by Dr. Michael Stauff).

AAOS Annual Meeting. Las Vegas, NV Mar 24th-28th, 2015 (presented by PJ Wagner).

*Research in an academic Medical Center*. Keynote Address, Herb Robbins Research Symposium, Dallas Baptist University October 24th, 2014.

*Spine Surgery: Improving Outcomes through Research*. Endnote Address, Herb Robbins Research Symposium, Dallas Baptist University October 25th, 2014.

PUBLICATIONS

*Spine Surgeons Social Dilemma: Benefits and Risks of Social media for Spine Surgery Practice in the 21st Century*. 2021 Global Spine Journal. Samtani R, Webb A, Burleson JR, Haddas, R

Book Chapter: *3D Printing in Spine Surgery*. 3D Printing in Orthopedic Surgery. 2018. Burleson JR, DiPaola CD, DiPaola M.

Comparing the Clinical Outcome of Different Surgical Management Options for Degenerative Spondylolisthesis of the Lumbar Spine. (manuscript in preparation) Burleson JR, **Wagner PJ**, Connolly PJ, DiPaola CP, Stauff MP.

*What the pediatric cardiologist needs to know about orthopaedic problems in patients with Marfan syndrome*. Progress in Pediatric Cardiology. Burleson JR, Hassanzadeh H, Sponseller P, Johns Hopkins Department of Orthopaedic Surgery. (Accepted)

*The Latarjet Coracoid Transfer for Anterior Instability: Results in 66 Cases.* Riley C, Romero J, Burleson JR, O’Conner D, Elkousey H, Gartsman G, Edwards B, Texas Orthopaedic Hospital. (Manuscript completed)

*Analysis of the Bernageau Radiographic View for Glenoid Bone Defects in Anterior Shoulder Instability,* Edwards B, Riley C, O’Conner D, Elkousey H, Gartsman G, Romero J, Natividad T, Burleson JR, Texas Orthopaedic Hospital 2012. (Manuscript complete)

POSTERS

*Use of the Spine AdVerse Events Severity (SAVES) System to Categorize and Report Adverse Events in Spine Surgery*. American Spine Society (NASS) Annual Meeting, San Francisco, CA, November 2014. Burleson JR, Wagner PJ, Connolly PJ, Dipaola CP, Stauff MP,

*Comparing Outcomes of Various Surgical Management Options for Lumbar Degenerative* *Spondylolisthesis*. Burleson JR, Wagner PJ, Connolly PJ, DiPaola CP, Stauff MP, University of Massachusetts Memorial Spine Center

Lumbar Spine Research Society Annual Meeting, Chicago, April 2015

International Society for Study of the Lumbar Spine (ISSLS) Annual Meeting, San Francisco, June 2015

PROFESSIONAL EXPERIENCE

October 2020 – Present

Orthopedic Spine Surgeon

Hughston Clinic

* I am one of 2 spine surgeons in a group of 21 orthopedic surgeons here in Nashville and Smyrna, TN. I perform MIS, robotic, and complex deformity spine surgeries.

January 2021 – 2023

Young Surgeons Conference

Founding Chairman

* I founded a lecture series geared towards young surgeons in residency, fellowship, and their first few years into practice. This is handled through Seattle Science Foundation and allows me to reach the next generations of spine surgery leaders.

July 2013 – June 2019

University of Massachusetts Medical Center – Department of Orthopedic Surgery

Resident

- As an orthopedic surgery resident, I spent my time taking care of inpatients, seeing consults in the emergency department, and operating on patients. Residency is a very demanding job that requires extreme focus and attention to detail. This job pushes me to strive to be a better student and surgeon everyday.

HOSPITAL AFFILIATIONS

TriStar StoneCrest Hospital

TriStar Southern Hills Medical Center

TriStar Summit Medical Center

Physician’s Pavillion Surgery Center

HONORS AND AWARDS

Eastern Orthopedic Association Resident Research Award June 2015

PROFESSIONAL/CLUB MEMBERSHIPS/CERTIFICATIONS

Diplomate of American Board of Orthopedic Surgeons (ABOS) 2024 – Present

Tennessee Dept. of Labor & Workforce Development Certified Physician Program – 2024 - Present

Society for Minimally Invasive Spine Surgery 2019 – Present

New England Spine Study Group 2014 - 2020

North American Spine Society 2014 – Present

American Academy of Orthopedic Surgeons 2014 – Present

Massachusetts Medical Society 2013 - 2019

Worcester Medical Society 2013 - 2019

American Medical Association, 2009 – Present

Texas Medical Association, 2009 – 2013