

CURRICULUM VITAE

Nathaniel Stoikes, M.D.

Baptist Medical Group (started July 2023)

Baptist Minimally Invasive Surgery

Associate Program Director Baptist Memorial Hospital General Surgery Residency

Director of Educational Curriculum BMHCC General Surgery Residency

6029 Walnut Grove Rd., Ste. 106

Memphis, TN 38120

901.866.8530 * Fax: 901. 227.6170

nstoikes@yahoo.com

Education:

Undergraduate:

Knox College, Galesburg, Illinois; September 1997 –June 2001

Bachelors of Arts, Biochemistry

Medical School:

Rush Medical College, Chicago, Illinois; September 2001 –

June 2005

Doctor of Medicine

Residency/Internship:

University of Tennessee, Memphis, Tennessee; July 2005-June 2010

General Surgery Residency

University of Tennessee, Memphis, Tennessee; July 2005-June2010

Surgical Fellowship:

Washington University School of Medicine, Barnes-Jewish Hospital,

St. Louis, Missouri; July 2010-June 2011

Minimally Invasive Surgery Fellowship

Honors/Awards:

1st Place Tennessee Chapter of American College of Surgeons Committee on

Trauma; Clinical Resident Paper Competition. "The routine use of prophylactic antibiotics for ICP monitor insertion does not reduce CNS infections and promotes resistant organisms. July 2006.

Voted by resident peers as the outstanding teacher and role model for chief resident. 2009-2010

Committees:

Safe Cholecystectomy task force: SAGES

Biliary Master Pathway Committee: SAGES

University of Memphis Biomedical Engineering Department Advisory Committee, January 2015- December 2017

Professional Practice Evaluation Review Committee at Baptist Memorial Hospital-Memphis

Surgical Oversight Committee at Baptist Memorial Hospital- Memphis

Membership Committee at Americas Hernia Society

Board Certification: (Board certified)

American Board of Surgery, November 2010, Recertified 2021

Medical Licensure:

Tennessee: 47375, expires Oct. 31, 2023

Arkansas: E-14225 expires Oct. 31, 2022

Mississippi: 23110, expires June 30, 2023

Missouri: 2010003271, expired Jan. 31st 2012

Society Memberships:

American College of Surgeons: Fellow

The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES), Member (2011 to present)

American Hernia Society (2011 – present)

University Appointments:

2011-2022 Associate Professor of Surgery

University of Tennessee Health Science Center, Memphis, TN

2014- 2019 Adjunct Faculty

University of Memphis

Biomedical Engineering Department, Memphis, TN

Hospital Appointments:

Baptist Memorial Hospital-Memphis; Memphis, TN (Active)

Baptist Memorial Hospital- Collierville; Collierville, TN (Active)

Baptist Womens Hospital, Memphis, TN

East Surgery Center, Memphis, TN

Baptist, Crittendon, West Memphis, TN

Methodist Extended Care Hospital; Memphis, TN (Active)

Methodist Hospitals of Memphis; Memphis, TN (Active)

Invited Lectures (National/International)

March 7-10, 2012 "Ventral Hernia Repair"

(Invited Faculty) SAGES 2012

San Diego, CA

March 12-15, 2014 "Laparoscopic Hiatal Hernia Repair".

American Hernia Society

Las Vegas, NV

April 14-18, 2015 "Fixation in Inguinal Hernias: No need for tacks"

SAGES 2015

Nashville, TN

February 2-3, 2017 "Onlay Ventral Hernia Repair"

"Evidence Based Fixation for Laparoscopic Ventral

Hernia Repair"

AWR Summit

Park City, UT

March 31-22, 2017 "Prevention of Bile Duct Injury"

SAGES 2017

Houston, TX

April 1-3, 2019 “Difficult Gallbladder”

Grant Support:

2012 – Present Lifebond

Hernia Research

\$81,000

2012- Present Bard/Davol

Hernia Research

\$121,000

Publications:

1. Stoikes, NF; Dutton, JM. “The effect of endoscopic sinus surgery on symptoms of Eustachian tube dysfunction”. *Am J Rhinol.* 2005;19(2):199-202.
2. Bardia, A; Stoikes, NF; Wilkinson, NW. “Mediastinal pancreatic pseudocyst with airway obstruction”. *J Gastrointest Surg.* 2006 Jan;10(1):146-150.
3. Stoikes, NF; Magnotti, LJ; Hodges, TN; Weinberg, JA; Schroepel, TJ; Savage, SA; Croce, MA; Fabian, TC. “Impact of intracranial pressure monitor prophylaxis on CNS infections and bacterial multi-drug resistance”. *Surg Infect (Larchmt).* 2008 Oct; 9(5):503-8.
4. Stoikes, NF; Nezakatgoo, N; Fischer, P; Bahr, M; Magnotti, L.: “Salvage of inaccessible arteriovenous fistulas in obese patients: a review of 132 brachiocephalic fistulas”. *Am Surg.* 2009 Aug; 75(8):705-709.
5. Stoikes, N; Mangiante, E; Voeller, G.: “Laparoscopic repair of a man with massive bilateral femoral hernias”. *Am Surg.* 2009 Dec; 75(12):1189-92.
6. Stoikes, N; Frisella, M; Brunt, LM. “Laparoscopic splenectomy and splenic artery exclusion for multiple splenic artery aneurysms”. *Journal of Laparoendoscopic and Advanced Surgical Techniques Part B Videoscopy* April 2011.
7. Stoikes N, Drapekin J, Kushnir V, Shaker A, Brunt LM, Gyawali CP. “The value of multiple rapid swallows during preoperative esophageal manometry before laparoscopic antireflux surgery”. *Surg Endosc.* 2012 Dec;26(12):3401-7.

8. Prasertvit S, Stoikes N. "A rare case of ewing's sarcoma of the small intestine". *Am Surg*. 2013 Feb;79(2):E158-9.
9. Paulus EM, Garrett HE Jr, Powell BS, Stoikes NF. "Primary aortoduodenal fistula after radiotherapy". *Am Surg*. 2013 Apr;79(4):E158-9.
10. Stoikes N, Quasebarth M, Brunt LM. "Hybrid ventral hernia repair. technique and results". *Hernia*. 2013 Oct;17(5):627-32.
11. Stoikes N, Voeller GR. "New developments in hernia repair: A 2013 update". *Surg Technol Int*. 2013 Sep;23:107-11.
12. Shaker A; Stoikes N; Drapekin, J, Kushnir V, Brunt LM; Gyawali CP. "Multiple rapid swallow responses during esophageal high-resolution manometry reflect esophageal body peristaltic reserve". *Am J Gastroenterol*. 2013 Nov;108(11):1706-12.
13. Stoikes, N, Sharpe J, Tasneem H, Roan E, Paulus E, Powell B, Webb D, Handorf C, Eckstein E, Fabian T, Voeller G. "Biomechanical evaluation of fixation properties of fibrin glue for ventral incisional hernia repair". *Hernia*. 2013 Sept 24.
14. Stoikes N, Powell, BS, Webb DL, Voeller, GR. "Preliminary report of a sutureless onlay technique for incisional hernia repair using fibrin glue alone for mesh fixation". *Am Surg*. 2013 Nov;79(11):1177-80.
15. Webb, D; Stoikes, N; and Voeller, G. Evolution of Mesh Fixation for Hernia Repair. *Surgical Technology International*, 2014 Nov; 25:123-9.
16. Ver Halen JP, Stoikes N, Webb D, Powell B, Voeller G. "Comprehensive analysis of donor-site morbidity in abdominally based free flap reconstruction." *Plast Reconstr Surg*. 2015 Jan;135(1):226e-7e.
17. Powell BS, Lytle N, Stoikes N, Webb D, Voeller G. "Primary prevascular and retrosoas hernias: incidence of rare abdominal wall hernias". *Hernia*. 2015 June: Vol. 19, Issue 3, pp 513-516.
18. Watson JT, Webb DW, Stoikes NF, Voeller GR. "Fibrin Sealant: A Review of the History, Biomechanics, and Current Applications for Prosthetic Fixation in Hernia Repair." *Surg Tech Intl*. 2015 Nov; 27:140-5.

19. Shahan CP, Stoikes NF, Webb DL, Voeller GR. "Sutureless onlay hernia repair: a review of 97 patients". *Surg Endosc*. 2015 Nov 5.
20. Majors J, Stoikes NF, Nejati R, Deneve JL. "Resection and Abdominal Wall Reconstruction of a Desmoid Tumor with Endometrioma Features". *Case Rep Surg*. 2016; Epub 2016 May 10.
21. Shahan CP, Stoikes N, Roan E, Tatum J, Webb DL, Voeller GR. "Short-term strength of non-penetrating mesh fixation: LifeMesh™, Tisseel™, and ProGrip™". *Surg Endosc*. 2016 Jul 21.
22. Stoikes N, Webb D, Voeller G. "Robotic Hernia Repair". *Contributor to Surgical Technology International XXIX.*, 2016 Oct 26: 119-122.
23. Haskins IN, Voeller GR, Stoikes NF, Webb DL, Chandler RG, Phillips S, Poulouse BK, Rosen MJ. "Onlay with Adhesive Use Compared to Sublay Mesh Placement in Ventral Hernia Repair: Was Chevrel Right? An Americas Hernia Society Quality Collaborative Analysis." *J Am Coll Surg*. 2017 May;224(5):962-970. doi: 10.1016/j.jamcollsurg.2017.01.048. Epub 2017 Feb 2.
24. Coauthor of the topic "Managing the difficult gallbladder" in *UpToDate* with Dr. Michael Brunt. Editor Jeffrey Marks, MD. 2017 Aug 18.
25. Stoikes NF, Scott JR, Badhwar A, Deeken CR, Voeller GR. "Characterization of host response, resorption, and strength properties, and performance in the presence of bacteria for fully absorbable biomaterials for soft tissue repair." *Hernia*. 2017 Aug 16.
26. Shahan CP, Stoikes NN, Roan E, Tatum J, Webb DL, Voeller GR. *Biomechanical and Histologic Evaluation of LifeMesh™: A Novel Self-Fixating Mesh Adhesive*. *Am Surg*. 2018 Apr 1;84(4):520-525.
27. Poulouse BK, Harris DA, Phillips S, Janczyk RJ, Yunis J, Voeller GR, Carbonell A, Warren J, Stoikes N, Webb D, Hope WW, Rosen M. Reducing Early Readmissions after Ventral Hernia Repair with the Americas Hernia Society Quality Collaborative.; Americas Hernia Society Quality Collaborative. *J Am Coll Surg*. 2018 May.

28. Stoikes N, Roan E, Webb D, Voeller GR. The Problem of Seroma After Ventral Hernia Repair. *Surg Technol Int*. 2018 Jun 1;32:93-98.

29. Spencer P.Lake, Nathaniel F.N.Stoikes, AmitBadhwar, Corey R.Deeken.

Contamination of hybrid hernia meshes compared to bioresorbable Phasix™ Mesh in a rabbit subcutaneous implant inoculation model. *Annals of Medicine and Surgery*.

2019 Oct; 46:12-16.

30. Brunt, LM, et al. Safe Cholecystectomy multi society practice guideline and state of the art consensus conference on prevention of bile duct injury during cholecystectomy. *Surgical Endoscopy*. 2020. Jul; 28:27-2855

31. Zambetti, B; Stoikes, Nathaniel, et al. Laparoscopic Heller Myotomy with EGD and ballon dilation: A durable solution for achalasia. *American Surgeon*. 2022. May; Epub ahead of print.

Presentations:

1. Dutton, JM; Stoikes, NF. Eustachian tube dysfunction in chronic rhinosinusitis.

Rush University, Department of Otolaryngology, Chicago. American Rhinologic Society 49th Annual Fall Scientific Meeting, Orlando, Florida. September 2003.

Poster presentation.

2. Stoikes, NF; Magnotti, LJ; Hodges, TM; Weinberg, JA; Schroepfel, TJ; Savage,

SA; Croce, MA; Fabian, TC. The routine use of prophylactic antibiotics for ICP monitor insertion does not reduce CNS infections and promotes resistant organisms.

University of Tennessee Health Science Center, Memphis. Presented at the

Tennessee Chapter of American College of Surgeons Committee on Trauma

Resident Competition. July 2006.

3. Stoikes, NF; Magnotti, LJ; Hodges, TM; Weinberg, JA; Schroepfel, TJ; Savage,

SA; Croce, MA; Fabian, TC. Reduction in CNS infections and increased multi-drug

resistance: a consequence of ICP monitor prophylaxis. University of Tennessee

Health Science Center, Memphis. 2006 Region IV Committee on Trauma Paper

Competition, Miller School of Medicine, University of Miami, Florida. Nov 2006.

4. Stoikes, NF; Magnotti, LJ; Hodges, TM; Weinberg, JA; Schroepfel, TJ; Savage,

SA; Croce, MA; Fabian, TC. Impact of ICP monitor prophylaxis on CNS infections

and multi-drug resistance. University of Tennessee Health Science Center,

Memphis. Presented at the 27th Annual Meeting of the Surgical Infection Society, Toronto, Ontario, Canada. April 2007.

5. Stoikes, NF; Bahr, M; Fischer, P; Nezakatgoo, N. Salvage of inaccessible arteriovenous fistulas in obese patients: a review of 132 brachiocephalic fistulas. University of Tennessee Health Science Center, Memphis. Presented at the Tennessee Chapter of American College of Surgeons Clinical Science Resident Paper Competition. May 2008.

6. Stoikes, NF; Nezakatgoo, N; Fischer, P; Bahr, M; Magnotti, L. Salvage of inaccessible arteriovenous fistulas in obese patients: a review of 132 brachiocephalic fistulas. University of Tennessee Health Science Center, Memphis. Presented at the Southeastern Surgical Congress Annual Scientific Meeting as a podium paper, Atlanta, GA, Feb. 2009.

7. Stoikes, NF; Chumfong, I; Brunt, LM. Hybrid open/laparoscopic repair and mesh fixation for difficult incisional hernias. Poster presentation for The American Hernia Society for 2011 meeting San Francisco, CA.

8. Stoikes, NF; Quasebarth, M; Matthews, B; Frisella, M; Brunt, LM. The natural history of anatomic failure after paraesophageal hernia repair. Oral presentation SAGES 2011 Meeting San Antonio, TX.

8

9. Webb, DL; Stoikes, NF; Powell, BS; Voeller, GR. Esophageal balloon – assisted laparoscopic heller myotomy for achalasia. Video Session for solid organ and foregut. SAGES 2012; San Diego, CA.

10. Stoikes, NF; Drapekin J, Shaker A, Kushnir V, Brunt LM, Gyawali CP. Motor response to multiple rapid swallows (MRS) can predict dysphagia in patients scheduled for laparoscopic antireflux surgery. Foregut Scientific Session. SAGES 2012. San Diego, CA.

11. Stoikes, NF; Webb, DL; Powell, BS; Voeller, G. Modified Chevrel Technique for Incisional Hernia Repair Using Fibrin Glue Alone for Mesh Fixation. Poster American Hernia Society, 2012. New York, NY.

12. Webb, DL; Stoikes, NF; Gagne, D; Scott, J; Voeller, GR. Contracture and Histological Properties of a Fully Absorbable Material (PHASIX™-Poly-4-Hydroxybutyrate) in a Rat Model of Hernia Repair. Poster. American Hernia Society, 2013. Orlando, FL.
13. Stoikes, NF; Sharpe, J; Tasneem, H; Paulus, E; Roan, E; Powell, BS; Webb, DL; Eckstein, E; Fabian, TC; Voeller, GR. Biomechanical Evaluation of Fixation Properties of Fibrin Glue for Ventral Incisional Hernia Repair. American Hernia Society, 2013, Orlando, FL.
14. Webb, DL; Stoikes, NF; Powell, BS; Voeller, GR. Esophageal Balloon Assisted Laparoscopic Heller Myotomy for Achalasia. SAGES, 2012. San Diego, CA.
15. Nelson, JS; Sharpe, JP; Stoikes, NF; Webb, DL; Powell, BS; Voeller, GR; Woodman, G. Laparoscopic Sleeve Gastrectomy: A Community Surgeon's Initial Experience, Technique and Outcomes. SAGES, 2013. Baltimore, MD.
16. Stoikes, NF; Webb, DL; Powell, BS; Voeller, GR. Modified Chervrel Technique for Incisional Hernia Repair Using Fibrin Glue Alone for Mesh Fixation. American Hernia Society, 2012. New York, NY.
17. Webb, DL; Stoikes, NF; et al. Contracture and Histological Properties of a Fully Absorbable Material (PHASIX) in a Rat Model of Hernia Repair. American Hernia Society, 2013. Orlando, FL.
18. Stoikes, NF. Laparoscopic Hiatal Hernia Repair. American Hernia Society, 2014. Las Vegas, NV.
19. Stoikes, NF. "Surgical Techniques Through Video." UTHSC Department of General Surgery Grand Rounds. Memphis, TN. September 2014.
20. Stoikes, NF and Shahan, C. Sutureless Fixation of Onlay Ventral Hernia Repair: A Review of 97 Patients. SAGES, 2015. Nashville, TN.
21. Stoikes, NF; Webb, DL; Voeller, GR. Faculty for AHS course- live onlay ventral hernia repair surgery with Cleveland Clinic. August 2015.
22. Guy R. Voeller, MD; David Webb, MD; Nathaniel Stoikes, MD.

“Laparoscopic Epiphrenic Diverticulectomy with Heller Myotomy”. American College of Surgeons Clinical Congress 2016 Video Session. Washington, DC. October 2016.

Research Activities:

Lifebond: research grant for hernia

Established basic science animal lab in 2012 for hernia research. Currently evaluating mesh fixation technologies.

Advisor in 2014 for Biomedical Engineering Herff College of Engineering, University of Memphis, Memphis Surgical Solutions device for recycled CO₂.

Clinical Trials:

CR Bard Multicenter Trial of Phasix in Ventral and Incisional Hernia Repair.

Intuitive Surgical, Inc. Multicenter study to evaluate and compare the clinical outcomes, pain, and patient quality of life after open and laparoscopic incisional and inguinal hernia repair.

PREVENT trial: BD sponsored trial evaluating prophylactic mesh augmentation of the abdominal wall.

Book Chapters:

1. The SAGES MANUAL. Volume 1 Basic Laparoscopy and Endoscopy
Soper, Nathaniel J.; Scott-Conner, Carol E.H. (Eds.) 3rd ed., 2012, 645 p. 228 illus., 62 in color. Chapter 32: Laparoscopic Inguinal Hernia Repair: Transabdominal Preperitoneal (TAPP) and Totally Extraperitoneal (TEP) Nathaniel Stoikes and L. Michael Brunt.
2. The SAGES MANUAL of Hernia Repair. Chapter 16: Athletic Groin Pain and Sports Hernia. 2013, pp. 181-193. Nathaniel Stoikes and L. Michael Brunt.
3. Stoikes, NF; Voeller, GR. Laparoscopic Ventral Hernia Repair. Abdominal Wall Reconstruction. 2013.
4. Stoikes, N, Webb D, Voeller GR. Chapter 32: Chronic Groin Pain: Mesh or No Mesh. Contributor to The SAGES Manual of Groin Pain. Editors Brian P. Jacob, David C.

Chen, Bruce Ramshaw, Shirin Towfigh, Springer 2016.

5. Stoikes, N, Webb D, Voeller GR. Chapter 11: Onlay Ventral Hernia Repair. Contributor to Hernia Surgery Current Principles. Editor Yuri W. Novusky, Springer 2016.

6. Webb DL, Stoikes, NF, Voeller, GR. Chapter 8: Open Ventral Hernia Repair with Onlay Mesh. Contributors to Atlas of Abdominal Wall Reconstruction, Second Edition. Editor Michael J. Rosen, Elsevier 2016.

7. Stoikes, NF, Shahan CP, Webb D, Voeller G. Chapter 29: Onlay Ventral Hernia Repair. Contributors to Textbook of Hernia. Editors W.W. Hope et al, Springer April 2017.

8. Stoikes NF, Webb DL, Voeller GR. Chapter 12: Fixation in Laparoscopic Inguinal Hernia Repair. Contributors to Surgical Principles in Inguinal Hernia Repair. Editors Melissa LaPinska and Jeffrey Blatnik, Springer 2018.