**Brian Richard Davis MD, FACS, FASGE**

 **Office**:

Texas Tech University Health Sciences Center Paul L. Foster School of Medicine, Department of Surgery, 4800 Alberta Avenue, El Paso, TX 79905

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Wife: Sharon Thompson Davis PhD

Son: Luke Thompson Davis (Born 5/2/13)

**Career Goals**

* Academic practice with a focus on surgical education, hepatobiliary, pancreatic, laparoscopic, robotic and endoscopic surgery.

**Medical and Academic Training/Positions**

* Rhodes College, Memphis, TN, 8/1991-12/1992
* Austin College, Sherman, TX, Bachelor of Arts, Summa Cum Laude, 1/1993-5/1995
* Baylor College of Medicine, Houston, TX, Doctorate of Medicine, 8/1995-5/1999.
* Residency in General Surgery, University of Louisville Hospitals, 7/1999-12/2004.
* Fellowship in Endoscopy/ ERCP, University of Louisville Hospitals, 1/2005-6/2005.
* Fellowship in Laparoscopic Surgery, Beth Israel Medical Ctr, NYC, 7/2005- 4/2006.
* Research Fellow in Endoscopy, University of Louisville 1/18/2007- 7/31/2008.
* Assistant Professor, Texas Tech University Hlth Sci Ctr- El Paso, 8/2008-current.
* Associate Program Director and Director of Surgical Simulation 8/2009-10/2013.
* Assistant Professor of Internal Medicine 5/2013-9/2014
* Research Director for Surgery 5/2013-1/2022.
* Program Director for Surgery 2013-2023.
* Associate Professor of Surgery and Internal Medicine 9/2014
* Graduate Faculty of University of Texas at El Paso 5/2014
* Graduate Student UT Houston School of Public Health 2016-current.
* Professor of Surgery and Internal Medicine 9/2020-current

**Honors**

Eagle Scout 1986

Alpha Chi Collegiate Academic Honors Society, Austin College 1995

Tri-Beta Biology Academic Honor Society, Austin College 1995

Bud Bryant Fellowship in Biology, Austin College 1995

Heller Brandeis Scholar in Healthcare Policy and Management 2019

SSAT Visiting Grand Rounds Professor Scholarship 2021-2022

SAGES Recognition of Excellence Coin 2019, 2023

**Research Experience**

Summer research assistant, UT Memphis, Ken Proctor Ph.D., 6/1991-8/1991

Resident Research, University of Louisville, Alex Lentsch PhD, 10/2000-12/2000.

Research Fellow, University of Louisville, Gary Vitale MD 1/2007- 7/2008.

**Teaching Experience**

Anatomy Lab Instructor, Austin College 1994

Instructor for MCAT with Kaplan Co. 1995

Basic Cardiac Life Support Instructor 1997-99

**Licensure**

Texas State Medical License M3514

**Certification**

Board Certified in General Surgery 3/20/2006- Certificate # 51145

Board Recertification General Surgery 2013

**Professional Organizations**

Society of University Surgeons, Elected 2021

Academy of Master Surgeon Educators, Associate Member, Elected 2019

Fellow American College of Surgeons Elected 2010

Fellow American Society of Gastrointestinal Endoscopy Elected 2015

Texas Surgical Society Elected 2016

Society for Surgery of the Alimentary Tract

Society of American Gastrointestinal Endoscopic Surgeons

Association of Program Directors in Surgery

Hiram C. Polk Jr. M.D., Surgical Society

South Texas Chapter of the American College of Surgeons

World Organization for Specialized Studies on Disease of the Esophagus

Texas Association of Surgical Skill Laboratories

**Committees and Leadership:**

**Texas Tech Paul L Foster School of Medicine Committees:**

Research Committee 2012- Current

Liability and Risk Management Committee 2011-Current

Graduate Medical Education Committee 2013-Current

Admissions Interviewer 2009- 2015

Continuing Med. Education Com. 2014-Current

SARP Grant Review Committee 2015-Current

Faculty Council Representative 2018-2020

Women in Medicine and Surgery Career Development Committee 2021- current.

**University Medical Center of El Paso (UMC-EP) Committees:**

Chair, Cancer Committee 2009-11

Cancer Committee Surgery Representative 2018-current

Preoperative Services Committee 2018-current

Chair Robotics Subcommittee 2018-current

Director of Surgical Robotics UMC 2018-current

Medical Staff Performance Improvement 2009- 2018

Endoscopy Sub-committee 2011- Current

Ethics Committee 2011- 2019

Radiation Protocol Committee. 2015-Current

Cancer Liaison Physician 2022-current

**Regional Committees and Leadership:**

American College of Surgeons South Texas Chapter:

 Young Surgeons Committee Member 2009-2012

 Young Surgeons Committee Chair 2013-2015

 Executive Council Member 2013- 2021

 Commission on Cancer Liaison State Chair 2015-2021

 President Elect 2017-2019

 President 2020-2022

Hiram C Polk MD Surgical Society Secretary and Treasurer 2022-2025

**Education Committees**

Graduate Thesis Committee, University of Texas at El Paso 2014-Current;

 Associate Board Examiner, American Board of Surgery 2015.

**National Committees**

America College of Surgeons Video Based Education Committee 2020-2026

Governor American College of Surgeons for South Texas Chapter ACS 2021-2024

Society for Surgery of the Alimentary Tract:

 Health Care Quality and Outcomes Committee 2016-2019

 Resident Education Committee 2012-2019.

 Program Subcommittee Stomach/Bariatric 2021-2023

 Program Committee Co-Chair Stomach/Bariatric 2022-2023

 Post-Graduate/CME Committee 2022-2023

Society Gastrointestinal Endoscopic Surgeons:

 Flexible Endoscopy Committee 2014-2022

 Safe Cholecystectomy Task Force 2015-2022

 Liaison to the Education Council for Safe Cholecystectomy Task Force 2019-2022

 Resident and Fellow Training Committee 2014-2022.

 Chair Webinar Subcommittee 2016-2019

 Co-Chair Resident and Fellow Training Committee for Webinars 2019-2023

 Subject Matter Expert Laparoscopic Cholecystectomy-

 Video Based Analysis Group 2023

Society for Improving Medical Learning

 Teaching and Learning Committee 2021-current

American Foregut Society Robotics Committee 2020-2023

American Board Surgery Committee. Writing Entrustable Professional Activities 2022

Hiram Polk Surgical Society Secretary and Treasurer 2022-2023

**Journal Peer Review**

Reviewer for journal Surgical Endoscopy 2015-Current

Reviewer Journal of Surgical Education 2018-Current

Reviewer for International Journal of Surgery 2016-Current

Reviewer for International Journal of Surgery Case Reports 2016-Current

Reviewer for American College of Surgeons Fundamentals

of Surgery Curriculum 2015-Current

Assistant Editor International Journal of Surgery and International Journal of Surgery Case Reports 2018-2020

**Peer-Reviewed Publications**

1. Lentsch, A.B., Kato, A., **Davis B.R.**, Wang W., Chao, C., Edwards, M.J., Stat 4 and Stat 6 Regulate Systemic Inflammation and Protect Against Lethal Endotoxemia. *Journal of Clinical Investigation* 2001. 108 (10): 1475-82.

2. Vitale,G.C., **Davis, B.R**., Tran, T.C. Theadvancing art and science of endoscopy.*American Journal of Surgery* 2005.190(2): 228-33.

3. **Davis B.R.**, Harris, H., Vitale, G. C. Endoscopy in evolution: Capsule cameras for the diagnosis of occult gastrointestinal bleeding and inflammatory bowel disease. *Surgical Innovation* 2005. 12(2): 129-33.

4. Harris HW, **Davis BR**, Vitale GC. Cholecystectomy after endoscopic sphincterotomy for common bile duct stones: is surgery necessary? *Surgical Innovation* 2005.12(3):187-94.

5. Taylor, J.D., Leitman, I.M. Rosser J.C., **Davis B**, Goodman E., Does the position of the alimentary limb in roux-en-y gastric bypass surgery make a difference? *Journal of Gastrointestinal Surgery* 2006. 10(10): 1397-9.

6. Horvath K., Brody F., **Davis B.**, Vitale G., Burtin P., Vaschke K.A., Callery M. Minimally invasive management of pancreatic disease: SAGES and SSAT pancreas symposium, Ft. Lauderdale, Florida, April 2005. *Surgical Endoscopy*. 2007; 21(3): 367-72.

7. Galandiuk S, **Davis BR.** Infliximab-induced disseminated histoplasmosis in a patient with Crohn’s disease. *Nature Clinical Practice Gastroenterology and Hepatology* 2008; 5(5): 283-

8. Vitale GC, Tran TC, **Davis BR**, Vitale M, Vitale D, Larson GM. Endoscopic management of post- cholecystectomy bile duct strictures. *Journal of the American College of Surgeons* 2008. 206(5): 918-23.

9. **Davis BR**, Vitale M, LeCompte M, Vitale D, Vitale GC. An objective study of pain relief in chronic pancreatitis from bilateral thoracoscopic splanchnicectomy. *The American Surgeon* 2008. 74(6): 510-14.

10. **Davis B.R.**,Vitale G.C. Advances In Endoscopy. *Advances in Surgery* 2008; 42: 277-97.

11. Vitale GC, **Davis BR**, Vitale M, Tran TC, Clemons R. Natural orifice trans-lumenal drainage of pancreatic abscesses. *Surgical Endoscopy* 2009; 23(1): 140-6.

12. Vitale GC, **Davis BR**, Zavaleta CM, Vitale M, Fullerton JK. Endoscopic Retrograde Cholangiopancreatography (ERCP) and Histopathology Correlation for Chronic Pancreatitis. *The American Surgeon* 2009; 75(8): 649-53.

13. Castro J, **Davis B**, Pirela-Cruz M. Bilateral gluteal compartment syndrome: an insidious but morbid complication. *The American Surgeon* 2010; 76(7): 752-754.

14. Vitale GC and **BR Davis**. Evaluation and Treatment of biliary leaks after gastrointestinal surgery. *Journal of Gastrointestinal Surgery* 2011; 15(8): 1323-4.

15. Venardos N, Howe J, Ortiz M and **BR Davis**. Appendicitis Differences in Severity and Treatment in a Border Community Hospital. *The American Surgeon*. 2011; 77(7): E152-3

16. **Davis BR**, Casteneda G, and J Lopez. Subtotal Cholecystectomy versus Complete Cholecystectomy in Complicated Cholecystitis. *The American Surgeon* July 2012*;* 78(7): 814-17.

17.[Chiodini RJ](http://www.ncbi.nlm.nih.gov/pubmed?term=Chiodini%25252525252525252525252520RJ%2525252525252525252525255BAuthor%2525252525252525252525255D&cauthor=true&cauthor_uid=23426447), [Dowd SE](http://www.ncbi.nlm.nih.gov/pubmed?term=Dowd%25252525252525252525252520SE%2525252525252525252525255BAuthor%2525252525252525252525255D&cauthor=true&cauthor_uid=23426447), **[Davis B](http://www.ncbi.nlm.nih.gov/pubmed?term=Davis%25252525252525252525252520B%2525252525252525252525255BAuthor%2525252525252525252525255D&cauthor=true&cauthor_uid=23426447)**, [Galandiuk S](http://www.ncbi.nlm.nih.gov/pubmed?term=Galandiuk%25252525252525252525252520S%2525252525252525252525255BAuthor%2525252525252525252525255D&cauthor=true&cauthor_uid=23426447), [Chamberlin WM](http://www.ncbi.nlm.nih.gov/pubmed?term=Chamberlin%25252525252525252525252520WM%2525252525252525252525255BAuthor%2525252525252525252525255D&cauthor=true&cauthor_uid=23426447), [Kuenstner JT](http://www.ncbi.nlm.nih.gov/pubmed?term=Kuenstner%25252525252525252525252520JT%2525252525252525252525255BAuthor%2525252525252525252525255D&cauthor=true&cauthor_uid=23426447), [McCallum RW](http://www.ncbi.nlm.nih.gov/pubmed?term=McCallum%25252525252525252525252520RW%2525252525252525252525255BAuthor%2525252525252525252525255D&cauthor=true&cauthor_uid=23426447), [Zhang J](http://www.ncbi.nlm.nih.gov/pubmed?term=Zhang%25252525252525252525252520J%2525252525252525252525255BAuthor%2525252525252525252525255D&cauthor=true&cauthor_uid=23426447). Crohn's Disease May Be Differentiated Into 2 Distinct Biotypes Based on the Detection of Bacterial Genomic Sequences and Virulence Genes Within Submucosal Tissues. *Journal of Clinical Gastroenterology*. 2013; 47(7): 612-20.

18. Dieker CA, De Las Casas L, and **BR** **Davis**. Retroperitoneal metastatic germ cell tumor presenting as a Psoas Abscess: A diagnostic pitfall. *The American Journal of the Medical Sciences.* 2013; 346(1): 70-2.

19. Bahr MH, **Davis BR** and Vitale GC. Endoscopic Management of Acute Pancreatitis. *Surgical Clinics of North America* 2013. 93(3): 563-84.

20. Ng N, Ng G, **Davis BR** and DE Meier. Actinomyces Appendicitis: Diagnostic Dilemma-Malignancy or Infection? *The American Surgeon* 2014. 80(1): e33-35.

21. Smith JL and **BR Davis**. Neuroendocrine Tumor of the Gallbladder Treated with Neoadjuvant Chemotherapy and Surgery. *The American Surgeon* 2014. 80(3): 318-320.

22. Bruns SD, **Davis BR**, Demirjian et al. The Subspecialization of Surgery: A Paradigm Shift. *Journal of Gastrointestinal Surgery* 2014. 18(8): 1523-31.

23. Sarosiek I, **Davis B**, Eichler E, and RW McCallum. Surgical Approaches to Treatment of Gastroparesis: Gastric Electrical Stimulation, Pyloroplasty, Total Gastrectomy and Enteral Feeding Tubes. *Gastroenterology Clinics of North America* 2015. 44(1): 151-167.

24. Ng N, Wampler M, Palladino H, Agullo F, and **BR Davis**. Outcomes of Laparoscopic Versus Open Fascial Component Separation for Complex Ventral Hernia Repair. *The American Surgeon* 2015; July 81 (7): 714-719.

25. Sippel M, Andrade A, Abbas A, and **BR Davis**. Multi-Disciplinary Approach to Management of Abdominal Aortic Aneurysms on the Texas-Mexico Border. *The American Surgeon* 2015. 81(9): e-pub.

26. Othman M, Guerrero R, Elhanafi S,  **Davis B**, Houle J, and M Eloliby.

[A Prospective Study of the Risk of Bacteremia in Directed Cholangioscopic Examination of Common Bile Duct (CBD)](http://scholar.google.com/citations?view_op=view_citation&hl=en&user=svXp93sAAAAJ&cstart=20&citation_for_view=svXp93sAAAAJ:-f6ydRqryjwC). *Gastrointestinal Endoscopy*. 2015 Jun 23. pii: S0016-5107(15)02437-2. doi: 10.1016/j.gie.2015.05.018.

27 . Chiodini RJ, Dowd SE, Chamberlin WM, Galandiuk S, **Davis B**, Glassing A (2015) Microbial Population Differentials between Mucosal and Submucosal Intestinal Tissues in Advanced Crohn's Disease of the Ileum. *PLoS ONE* 10(7): e0134382. doi: 10.1371/journal.pone.0134382

28. Reinhart H, Ghaleb M and **BR Davis.** Transarterial Renal Embolization Improves Surgical Outcomes. *International Journal of Surgery Case Reports*. 2015; 15: 116-8.

29. Chiodini RJ, Dowd SE, Galandiuk S, **Davis B**, Glassing A.Changes in 16s rRNA Gene Microbial Community Profiling by Concentration of Prokaryotic DNA. *J Microbiol Methods*. 2015; 119: 239-42.

30. Othman M, **Davis B**, Torabi A, Sarosiek I and R McCallum . Endoscopic Ultrasound Fine Needle Aspiration (FNA) Biopsies of the Muscularis Propria of the Antrum in Gastroparetic Patients is Feasible and Safe. *Gastrointestinal Endoscopy* 2016; 83(2): 327-33.

31. Bustamante MA, Galvis J, Matos D, Sosa O, Syed SH, Padilla O, **Davis B** and MJ Zuckerman. Burkitt’s Lymphoma of the Rectosigmoid and Stomach Presenting as Hematochezia. American Journal of Case Reports 2016; 17:89-92.

32. Moraveji S, Bashashati M, Elhanafi S, Sunny J, Sarosiek I, **Davis B**, McCallum RW. Depleted interstitial cells of Cajal and fibrosis in the pylorus: novel features of gastroparesis. *Neurogastroenterolgy and Motility* 2016; 28(7): 1048-54.

33. Ortiz A, Garcia-Blanco C, **Davis BR** and RW McCallum. Hypertrophic pyloric stenosis in adults: a rare entity. *Practical Gastroenterology*. 2016; 29-35.

34. Glassing A. Dowd S., Galandiuk S., **Davis B**., Chodini R. Inherent bacterial DNA contamination of extraction and sequencing reagents may affect interpretation of microbiota in low bacterial biomass samples. *Gut Pathogens*. 2016; 8:24.

35. Chiodini RJ, Dowd SE, Galandiuk S, **Davis B**, and A Glassing. The predominant site of bacterial translocation occurs at the advancing disease margin in Crohn’s disease. *Microbiology* 2016; 162(9): 1608-1619.

36. **Davis BR**, Sarosiek I, Bashashati M, Alvarado MD, McCallum RW. Long-Term Efficacy and Safety of Pyloroplasty Combined With Gastric Electrical Stimulation: *Journal of Gastrointestinal Surgery* 2017; 21(2): 222-227.

37. Othman MO, Zhang D, Eloliby M, **Davis B**, Guerrero R, Alvarado L and S Elhanafi. Cap Assisted Colonoscopy is Associated with Increased Detection of Advanced Adenomas and Total Number of Polyps Per Patient in a Predominantly Hispanic Population: A Randomized Controlled Trial. *American Journal of Medical Sciences* 2017; 353(4): 367-73.

38. Bashashati M, Moraveji S, Torabi A, Sarosiek I, Davis B Diaz J, McCallum RW. Pathologic findings for the antral and pyloric smooth muscle in patients with gastroparesis-like syndrome compared to gastroparesis: similarities and differences. Digestive Diseases and Sciences, (DDSJ-D-1601672R1) 2017.

39. Andrade A, Folstein M, and **BR Davis**. Treatment of Scleroderma Esophagus with Dor Fundoplication. International Journal of Surgery Case Reports 2017; 16(39): 69-71.

40. Othman MO, Elhanafi S, El Saadi M, Yu C, **Davis BR**. Extended Cyst Gastrostomy with Hydrogen Peroxide Irrigation Facilitates Endoscopic Pancreatic Necrosectomy. *Diagnostic and Therapeutic Endoscopy* 2017;2017:7145803. doi: 10.1155/2017/7145803. Epub 2017 Sep 5.

41. Licon E, Sarosiek I, **Davis BR**, McCallum RW. Adventures in GI Motility: Reminders of the Complications of Gastric Electrical Stimulator Implantation. *Journal of Gastroenterolgy, Hepatology and Endoscoopy* 2017; 2(6): 1030.

42. Chiodini RJ, Dowd SE, Barron JN, Galandiuk S, **Davis BR**, Glassing A. Transitional and temporal changes in the mucosal and submucosal intestinal microbiota in advanced Crohn’s disease of the terminal ileum. *Journal of Medical Microbiology* 2018; 67(4): 549-559.

43. Dilday J, Miller E, Davis K, Schitt K, **Davis B**. Professionalism: A core competency but what does it mean? A survey of surgery residents. *Journal of Surgical Education* 2018; 75(3):601-605.

44. Nichols J, **Davis B**, Al-Bayati I, Glahaeb M, Diaz J, McCallum R. Celiac artery compression syndrome: an under-diagnosed cause of abdominal pain: presentation and outcomes. *Journal of Investigative Medicine* 2018; 66(2) 418-419.

45. Clapp B, Klingsporn W, Harper B, Swinney IL, Dodoo C, **Davis B**, Tyroch A. Utilization of Laparoscopic Colon Surgery in the Texas Inpatient Public Use Data File. *JSLS.* 2019; 23(3): e2019.00032.

46. Ishak A, Al Bayati I, **Davis B** and RW McCallum. Efficacy and safety of For fundoplication in patients with severe gastroparesis and refractory gastroesophageal reflux disease. *Gastrointestinal Disorders* 2020; 2(2): 134-139.

47. Gonzalez Z, Sarosiek I, **Davis B**, Padilla O, McCallum R. Comparison of the status of interstitial Cells of Cajal in the smooth muscle of the antrum and pylorus in diabetic male and female patients with severe gastroparesis. *Gastrointestinal Disorders* 2020; 2(3):236-245..

48. Ahmad M, Maegawa FB, De La Rosa E, **Davis B**, Tyroch A, .Konstantinidis IT. Mucinous cystic neoplasms of the pancreas in the modern era. Experience with 707 patients. *American Journal of Surgery*. 2020; 220(6):1433-1437.

 49. Al-Mansour, M.R., Caycedo-Marulanda, A., **Davis, B.R.** *et al.* SAGES TAVAC safety and efficacy analysis confocal laser endomicroscopy. *Surg Endosc* 2021; 35(5):2091-2103.

50. Clapp B, Hamdan M, Dodoo C, Grasso S, Kim J, Harper B, Castro C, **Davis B**. Magnetic sphincter augmentation at the time of bariatric surgery: an analysis of the MBSAQIP Databank. *Surgery for Obesity and Related Diseases*. 2021; 17(3):555-561.

51. Clapp BC, Amin M, Dodoo C, Harper B, Liggett E, **Davis B**. New onset cardiac arrhythmias after metabolic and bariatric surgery: a database analysis. *JSLS*. 2020; 24(4): e2020.00067.

52. Al-Bayati I, Gajendran M, **Davis B**, Diaz J, McCallum RW. Median Arcute Ligament Syndrome: Clinical Presentation, Pathophysiology and Management. Gastrointestinal Disorders 2021; 3(1):44-50.

53. Loganathan P, Gajendran M, **Davis B**, McCallum R. Efficacy and safety of robotic Dor fundoplication on severe gastro-esophageal reflux disease in patients with scleroderma. *Journal of Investigative Medicine High Impact Case Reports*. 2021; 9:23247096211051211.

54. Clapp BC, **Davis B**. Long term outcomes after laparoscopic assisted trans-gastric ERCP. *JSLS*. 2021; 25(3): e2021.00048.

55. Clapp BC, Dodoo C, Kim J, Castro C, Wicker E, Madania, R, **Davis B**. Safety of liver biopsy at the time of bariatric surgery: an analysis of the MBSAQIP database. *Surgical Endoscopy*. 2022; 36(1):413-421.

56. Clapp BC, Hamdan M, Mandania R, Kim J, Gamez JA, Hornock S, Wivar ,A, Dodoo C, **Davis B**. Is fundoplication necessary after paraeesophageal hernia repair? A meta-analysis and systematic review. *Surgical Endoscopy*. 2022. 36:6300–6311

57. Wicker E, Sharma N, Ahmad M, Schrodt A, **Davis B**. Stapler malfunctions in bariatric surgery: an analysis of the MAUDE database. *JSLS.* Jan-Mar 2022;26(1):e2021.00074.

 doi: 10.4293/JSLS.2021.00074.

58. Clapp BC, Grasso S, Harper B, Mubashara AA, Kim J, **Davis B**. 5-year follow-up at an accredited community bariatric practice: what is an acceptable follow up rate. Surgery for Obesity and Related Disorders 2022; 18:658-665. DIU: https://doi.org/10.1016/j.soard.2021.12.022.

59. Gevorkian J, Le E, Alvarado L, **Davis B**, Tyroch A, Chiba S, Konstantinidis I. Trend and outcomes of minimally invasive surgery for gastrointestinal stromal tumors. S*urgical Endoscopy*. 2022 Jan 19. doi: 10.1007/s00464-022-09014-2.

60. Clapp BC, Grasso S, Gamez J, Edwards J, Dodo C, Portela R, Ghanem OM, **Davis B.** Does accreditation matter? An analysis of complications of bariatric cases using the MBSAQIP and NSQIP Databases. *Surgery for Obesity and Related Diseases*. 2022 May;18(5):658-665. doi: 10.1016/j.soard.2022.01.014.

61. .Ortega Aj, **Davis B**, McCallum RW. Another Sherlock Holmes mystery: abdominal pain explained by median arcuate ligament syndrome. *Journal of Investigative Medicine High Incidence Case Reports*. Jan-Dec 2022; doi: 10.1177/23247096221084911.

62.Laplante S, Namazi B; Kiani P, Hashimoto DA, Alseidi A, Pasten M, Brunt M, Gill S, **Davis B,** Bloom M, Pernar L, Okrainec A, Madani A. Validation of an Artificial Intelligence Platform for the Guidance of Safe Laparoscopic Cholecystectomy. Surgical Endoscopy 2022; doi.org/10.1007/s00464-022-09439-9.

63. Clapp BC, Vivar A, Castro C, Kim J, Gamez J, Dodoo C, **Davis B**. Rates of readmission and emergency department visits of publicly versus commercially insured patients in a metabolic and bariatric surgery accreditation and quality improvement program accredited center. *JSLS* Apr-Jun 2022; 26(22): e2022.00009.

64. Weis J, Brunt LM, Madani A, Telem D, Nagaraj M, Asbun H, **Davis BR**, Dissanaike S, Ujiki MB, Wescott CJ, Alseidi A. SAGES Safe Cholecystectomy Modules Improve Practicing Surgeons’ Judgment: Results of a Randomized Controlled Trial. *Surgical Endoscopy* 2022; doi.org/10.1007/s00464-022-09503-4.

65. Clapp BC, Kara AM, Nguyen-Lee PJ, Annabi H; Marr J, Alvarado I; Ghanem OM, **Davis B**. Does Bioabsorbable Mesh Reduce Hiatal Hernia Recurrence Rates? A Meta-Analysis, Surgical Endoscopy 2022; doi.org/10.1007/s00464-022-09514-1.

**Invited Book Chapters**

1. **Davis BR**. Anesthesia. In: Wrightson, WR (ed). *Current Concepts in General Surgery: A Resident Review*. Georgetown: Landes Bioscience, 2006.

2. Vitale, G.C., Tran, T.C., **Davis, B.R**. Pancreatic pseudocyst: endoscopic or laparoscopic vs conventional surgery. In: Fisher J., Bland K.I. (eds). *Mastery of Surgery, 5th ed*. Philadelphia: Lippincott, Williams and Wilkins, 2007.

3. Rosser, J.C., **Davis, B.R.**, Qureshi, H. Intracorporeal suturing the Top Gun experience. In: Fisher J., Bland K.I. (eds). *Mastery of Surgery, 5th ed*. Philadelphia: Lippincott, Williams and Wilkins, 2007.

4. Vitale G.C., Goussev I., **Davis B.R.** Endoscopy of the Bile and Pancreatic Ducts. In: Soper N.J., Swanstrom L.L, Eubanks W.S. (eds). *Mastery of Endoscopic and Laparoscopic Surgery, 3rd ed*. Philadelphia: Lippincott, Williams and Wilkins, 2008.

5. **Davis B.R.**, Vitale G.C. Diagnostic and Therapeutic Endoscopic Retrograde Pancreatography. Gagner M., Lee M., Dellamangne, B. Frezza E. (eds) *International Principles of Laparoscopic Surgery*. Woodburry: Cine-Med, 2009.

6. Vitale, G.C., **Davis, B.R**. Pancreatic pseudocyst: endoscopic or laparoscopic vs conventional surgery. In: Fisher J., Bland K.I. (eds.). *Mastery of Surgery, 6th ed*. Philadelphia: Lippincott, Williams and Wilkins, 2011.

7. Vitale GC and **Davis BR**. Flexible Endoscopes: Characteristics, Troubleshooting and Equipment Care. Carol E.H. Scott-Conner (eds). *The Sages Manual: Fundamentals of Laparoscopy, Thoracoscopy and GI Endoscopy Third Edition*: 2012.

8. Vitale GC, **Davis BR**, Bahr M. Endoscopy of the Bile and Pancreatic Ducts. In: Soper NJ, Swanstrom LL, Eubanks WS (eds). *Mastery of Endoscopic and Laparoscopic Surgery, 4rd ed*. Philadelphia: Lippincott, Williams and Wilkins: Oct, 2013.

9. Vitale, G.C., **Davis, B.R**., Bahr M. Pancreatic pseudocyst: endoscopic or laparoscopic vs conventional surgery. In: Fisher J., Bland K.I. (eds.). *Mastery of Surgery, 7th ed*. Philadelphia: Lippincott, Williams and Wilkins, May, 2018.

10. **Davis BR**. Gastroparesis. In: Grahms et al. (eds.). *SAGES Manual of Foregut Surgery*. Berlin: Springer Verlag May 2019.

11. Berci G and **Davis BR**. Intraoperative Cholangiography (IOC): Important Aid in Biliary and Common Bile Duct Surgery. In: Asbun H., Shah M., Ceppa E., Auyang E. (eds.) *The Manual of Biliary Surgery*. Berlin: Springer, 2020; pg. 91-105.

12. **Davis BR** and McCallum RW. Surgical Therapy for Gastroparesis. In McCallum RW and Parkman H (eds.). *Gastroparesis: Pathophysiology, Clinical Presentation, Diagnosis and Treatment*. London: Elselvior, 2021; pg.431-439.

13. Oleynikov D, Sarosiek I, **Davis B**, Mccallum RW. Surgical Treatment for Gastroparesis. in Nguyen N. et al eds. *The AFS Textbook of Foregut Disease*. Springer Verlag, March1, 2023.

**Invited Presentations**

**Regional and National Presentations**

1. Bilateral Thoracoscopic Splanchnicectomy for Pain Control in Chronic Pancreatitis. Southeastern Surgical Congress Annual Meeting, February 11, 2008.

2. Natural Orifice Translumenal Drainage of Pancreatic Abscesses. Scientific Session, Society of American Gastrointestinal Endoscopic Surgeons Annual Meeting, April 11,

2008.

3. Endoscopic Retrograde Cholangiopancreatography (ERCP) and Histopathology Correlation for Chronic Pancreatitis, Southeastern Surgical Congress, February 10, 2009.

4. Imaging Techniques for Safe Dissection, Post-Graduate Course: Preventing Bile Duct Injuries; Createing a Culture of Safety Cholecystectomy, Society of Gastrointestinal Endoscopic Surgeons, Boston, MA March 17, 2016.

5. Simultaneous Pyloroplasty and Gastric Electrical Stimulator for Gastroparesis: Safety and Efficacy of a Robotic Platform. Texas Surgical Society, Waco, TX , April 1, 2016.

6. Moderator and Program Coordinator, Webinar: What’s New in Endoscopic Treatment of Bariatrics and GERD, Society American Gastrointestinal Endoscopic Surgeons, April 19, 2016.

7. Long-Term Efficacy and Safety of Pyloroplasty Combined With Gastric Electrical Stimulation: A Single Academic Center Experience, Digestive Disease Week, San Diego, CA, May 22, 2016.

8. Moderator and Program Coordinator, Webinar: How to Pass Fundamentals of Endoscopic Surgery, Society American Gastrointestinal Endoscopic Surgeons, September 20, 2016.

9. Disparities in Colorectal Cancer Screening and Treatment along the US-Mexico Border: A Commission on Cancer Panel Discussion, Texas Chapter of the American College of Surgeons Annual Meeting, Austin, February 25, 2017.

10. Peri-operative Outcomes of Laparotomy versus Robot-Assisted Simultaneous Pyloroplasty and Implantation of Gastric Electrical Stimulator in Drug Refractory Gastroparesis: A Two-Center Study. Digestive Disease Week, Chicago, May 7, 2017.

11. Introduction to Resilience Training and Post Traumatic Growth. Society for Surgery of the Alimentary Tract Resident and Fellow Committee Webinar, May 16, 2018.

12. Moderator and Program Coordinator, Webinar: Video Coaching Vs. Telementoring: Extending the Training Envelope, Society American Gastrointestinal Endoscopic Surgeons, September 18, 2018.

13.Imaging Techniques for Safe Dissection, Post-Graduate Course: Preventing Bile Duct Injuries; Creating a Culture of Safety Cholecystectomy, Society of Gastrointestinal Endoscopic Surgeons, Baltimore, MD April 3, 2019.

14. Laparoscopic Median Arcuate Ligament Release for Celiac Artery Compression Syndrome. Society for Surgery of the Alimentary Tract Annual Meeting,

San Diego CA, May 18, 2019.

15. Moderator and Program Coordinator, SSAT Resident and Fellows Education/ Health Care Quality and Outcomes Committee Panel: Video Coaching and Certification to Enable Competency Based Surgical Education. Society for Surgery of the Alimentary Tract Annual Meeting, San Diego CA, May 20, 2019.

16. Faculty, Dissection Techniques and Bailout Options for the Difficult Gallbladder, SAGES Safe Hole and Common Bile Duct Exploration Course, Los Angeles, CA August 24, 2019.

17. Gastric Pacemaker is Still the Best Option for Refractory Gastroparesis: The Great Foregut Debates, Society of American Gastrointestinal Endoscopic Surgeons Annual Meeting, Virtual Meeting, August 13, 2020.

18. Moderator and Program Coordinator, Webinar: SAGES Award Winners Give Advice on Career Development, Society American Gastrointestinal Endoscopic Surgeons, September 8, 2020.

19. Video Based Education for Competency Training and Safety, American College of Surgeons Certificate for Advanced Surgical Education Leadership, October 22, 2020.

20. Moderator, ACS- Video Based Education Webinar Hepatobiliary Surgery I, American College of Surgeons, March 16, 2021.

21. The Great Debates: Surgical Mastery is not Created by Bots. Texas Surgeons Summit (Virtual). April 26, 2021.

22. MIS Choledochoduodenostomy. SAGES ADOPT Hands-On Course:Bothersome Biliary, Galling Gallbladders Pre-Course. August 24, 2021.

23. Introduction to Pokorney Lecture: Invited Speaker Herb Zek. South Texas Chapter of the American College of Surgeons Annual Meeting, Houston, TX, February 18, 2022.

24. Duodenal Disasters Stump the Attending Panel: Invited Expert. South Texas Chapter of the American College of Surgeons Annual Meeting, Houston, TX, February 18, 2022.

25. Program Chair: Endoscopic Options for Treating Leaks in Bariatric Surgery: Hands-On-Course, Society of American Gastrointestinal Surgeons Annual Meeting, Denver CO, March 17, 2022.

26. Moderator and Program Coordinator, Webinar: SAGES Challenges for the Fundamentals of Laparoscopic Surgery and Endoscopic Surgery Exams, Society American Gastrointestinal Endoscopic Surgeons, April 12, 2022.

27. Invited Primary Discussant, Intestinal Microvascular Leak as the Major Cause of Peri-Operative Ileus, Society for Surgery of the Alimentary Tract Annual Meeting, San Diego, CA, May 22, 2022.

28. Moderator and Program Coordinator, Webinar. SAGES Video Presentation and Editing for Innovation and Competency Based Education. Society American Gastrointestinal Endoscopic Surgeons, June 14, 2022.

29. Surgical Solutions for Gastrointestinal Motility Disorders from Tailored Wraps for GERD to Gastroparesis, General Surgery Grand Rounds, University of Utah, Salt Lake City, UT, September 28, 2022.

30. Perioperative Outcomes of Robot Assisted vs Laparotomy For Simultaneous Gastric Electrical Stimulator Plus Pyloroplasty, Texas Surgical Society, Dallas, TX September 30, 2022.

31. Moderator, Video Based Education Session, Gastrointestinal Diseases 1, American College of Surgeons, San Diego October 17, 2022.

32. Moderator, Video Based Education Session, Gastrointestinal Diseases 2, American College of Surgeons, San Diego October 19, 2022.

33. Moderator. SAGES ICG Video Session, Society American Gastrointestinal Endoscopic Surgeons, March 31, 2023.

34. Moderator, Battle of the Bulge Versus the Burn - Gastric Bypass Versus Anti-reflux Surgery to Cure GERD, Society for Surgery of the Alimentary Tract Annual Meeting, Chicago, IL, May 7, 2023.

35. American Board of Surgery Entrustable Professional Activity Implementation, Grand Rounds, Creighton University, May 26, 2023.

36. American Board of Surgery Entrustable Professional Activity Implementation, Grand Rounds, Dallas, June 16, 2023.

**Grant and Research Trial History**

1. ATB-2-2 Phase III Study of AB 103: multicenter, randomized, double-blind, placebo-controlled study to evaluate the efficacy and safety of (ATOX-BIO) intravenous (IV) administered in the perioperative period- to mitigate systemic inflammatory response syndrome in necrotizing soft tissue infection. Principal Investigator Brian Davis MD.
2. STAR Registry Protocol 382-100: American Gastroenterology Association for comparison of outcomes between translumenal fundoplication and Nissen fundoplication. Principal investigator Brian Davis MD.
3. Enterra Therapy: Gastric Electrical Stimulation (GES) System Humanitarian Device Exemption, Co-investigator. Principal Investigator Richard McCallum MD.
4. A multicenter, randomized, double-blind, placebo-controlled study to evaluate the efficacy and safety of intravenous (IV) ulimorelin administered post-operatively to accelerate recovery of gastrointestinal (GI) motility in subjects who have undergone partial bowel resection. (Bowel Resection TZP-101-CL- P008), Co-investigator. Principal Investigator Richard McCallum MD.
5. Decision aids in screening for colorectal cancer. Principal investigator: Victor Olivas, Co-investigator: Brian Davis MD. Seed Grant Funding 6/15/2014-6/15/2015.
6. The utility of cap colonoscopy in increasing adenoma detection rate (CAC-ADR), Consultant, Principal Investigator: Mohamed Othman MD. Consultant: Brian Davis MD.
7. A prospective study of the risk of bacteremia in directed cholangioscopic examination of the CBD, Consultant, Principal Investigator: Mohamed Othman MD. Consultant: Brian Davis MD.
8. A Phase III, Randomized, Multicenter, Double Blind, Double-Dummy, Parallel-Group, Comparative Study to Determine the Efficacy, Safety, and Tolerability of Ceftazidime Avibactam (CAZ104) Plus Metronidazole Versus Meropenem in the Treatment of Complicated Intra Abdominal Infections (cIAIs) in Hospitalized Adults (D4280C00001) ((D4280C00001)) Principal Investigator: Alan Tyroch MD, Consultant: Brian Davis MD
9. Intraluminal endosonography for examination of the structural changes of the stomach in gastraparetic patients (EUS gastroparesis 2013), Consultant, Principal Investigator: Mohamed Othman MD, Consultant: Brian Davis MD.
10. Patient Centered Outcomes Research Institute (PCORI) Culturally adapted brief motivational intervention for heavy drinking Latinos, 2014-2016. Principal investigator: Field C (UTEP) Co-investigators: Tyroch AH, Davis BR, Woolard R (TTUHSC at El Paso) Amount: $2,074686.