

CURRICULUM VITAE

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1. PERSONAL INFORMATION

A. Education:

Undergraduate: American University of Beirut – Beirut, Lebanon

1982 (B.Sc. Human Biology, High Distinction)

Medical Education: Medical University of South Carolina – Charleston, South Carolina

1986 (M.D.)

Internship: The George Washington University – Washington, District of Columbia

General Surgery, 07/86 – 06/87

Residency: The George Washington University – Washington, District of Columbia

General Surgery, 07/87 – 06/92

Research Fellowships: Veterans Administration Medical Center – Washington, District of Columbia

Gastrointestinal Surgical Laboratory, 07/89 – 06/90

(Barbara L. Bass, M.D., F.A.C.S.)

Vascular Surgical Laboratory, 07/89 – 06/90

(Anton N. Sidawy, M.D., F.A.C.S.)

Clinical Fellowship: Case Western Reserve University Hospitals – Cleveland, Ohio

Endoscopic and Laparoscopic Surgery, 01/93 – 06/93

(Jeffrey L. Ponsky, M.D., FACS)

Hospital Management: Ecole Supérieure des Affaires – Beirut, Lebanon

Affiliated with University Paris 7 Denis Diderot – Paris, France

Hospital and Health Management, 01/05 – 12/06

B. Professional Experience:

1992 – 1995: The George Washington University Medical Center – Washington, District of Columbia

Assistant Professor of Surgery, The George Washington University School of Medicine

Director, Endo-Surgical Education and Research Center

Director, Surgical Endoscopy

1995 – 2006: Trad Hospital & Medical Center – Beirut, Lebanon

Medical Director and Surgeon-in-Chief

Attending General Surgeon

2006 – Present: HCA Reston Hospital – Reston, Virginia

Attending General Surgeon

Jan 2010 – Dec 2011: Chairman, Department of Surgery

Jan 2013 – Dec 2016: Vice-President, Medical Staff

2013 – 2020: The George Washington University Medical Faculty Associates

Faculty, Department of Surgery, The George Washington University School of Medicine

2013 – 2018: Clinical Associate Professor of Surgery

2018 – Present: Clinical Professor of Surgery

2020 – Present: Medstar Medical Group General Surgery at Reston

Faculty, Department of Surgery, Georgetown University School of Medicine

2021 – Present: Associate Professor of Surgery

C. Licensure:

Maryland Board of Physicians

License # D0038298 – active

Initial Date: 4/25/1989

Expiration Date: 9/30/2023

Board of Medicine, District of Columbia

License # MD036470 – active

Initial Date: 1/18/2007

Expiration Date: 12/31/2022

Board of Medicine, Commonwealth of Virginia

License # 0101230807 – active

Initial Date: 10/20/2006

Expiration Date: 7/31/2024

D. Certification:

American Board of Surgery

Certificate # 38703 (1993)

Recertified October 2002 and December 2012 (expires 2024)

E. Languages Spoken:

English: fluent

French: fluent

Arabic: fluent

2. RESEARCH AND SCHOLARLY ACTIVITIES**A. Publications:**

1. Dziki AJ, Korman LY, Harmon JW, Nardi RV, Bank A, Haddad NG, **Trad KS**, and Fernicola MT. New animal model for gastric ulcer healing. *Gastroenterology*, 98:39, 1990.

2. Dziki AJ, Malthaner RA, Harmon JW, Fernicola MT, **Trad KS**, Fischer BA, Hakki FZ, Schweitzer EJ, and Bass BL. Treatment of experimental bile esophagitis. *Gastroenterology* 98:39, 1990.
3. Fernicola MT, Harmon JW, **Trad KS**, Dziki AJ, Richardson CJ, Hakki FZ, Rao JS, and Bass BL. Adenosine-induced increase in esophageal blood flow are not mediated via cyclooxygenase products. *Gastroenterology*, 98:43, 1990.
4. **Trad KS**, Harmon JW, Fernicola MT, Hakki FZ, Rao JS, Dziki AJ and Bass BL. Evidence for a role of capsaicin-sensitive mucosal afferent nerves in the regulation of esophageal blood flow in rabbits. *Gastroenterology* 98:139, 1990.
5. **Trad KS**, Fernicola MT, Hakki FZ, Dziki AJ, Harmon JW, and Bass BL. Modulation of esophageal blood flow: A local effector function of sensory nerves. *Surgical Forum* 41:122-124, 1990.
6. Dziki AJ, Duncan MD, Harmon JW, Saini N, Malthaner RA, **Trad KS**, Fernicola MT, Hakki F, Ugarte RM. Advantages of handsewn over stapled bowel anastomosis. *Dis Colon Rectum* 34:442-448, 1991.
7. Sidawy AN, **Trad KS**, Sidawy MK, Zeller J, Hayyeri M, DePalma RG. The effect of e-PTFE and vein cuff on the development of outflow intimal hyperplasia. *Surgical Forum* 42:345, 1991.
8. Bass BL, **Trad KS**, Harmon JW, Hakki FZ. Capsaicin-sensitive nerves mediate esophageal mucosal protection. *Surgery* 110(2) :419-26.
9. Petersen BM, Curcio LD, **Trad KS**, Harmon JW, Bass BL. Modulation of Capillary Permeability: A New Local Effector Function for Esophageal Afferent Nerves. *Gastroenterology* 102:146, 1992.
10. Petersen BM, Curcio LD, **Trad KS**, Harmon JW, Bass BL. Visceral Afferent Nerves Mediate Protection Against Acid-Pepsin Injury of the Esophagus. *Gastroenterology* 102:147, 1992.
11. Petersen BM, Curcio LD, **Trad KS**, Harmon JW, and Bass BL. Visceral Afferent Nerves Mediate Protection Against Acid-Bile Injury of the Esophagus. *Surgical Forum* 43:143, 1992.
12. Norberto NJ, Sidawy AN, **Trad KS**, Jones BA, Neville RF, Najjar SF, Sidawy MK, DePalma RG. The protective effect of vein cuffed anastomoses is not mechanical in origin. *Journal of Vascular Surgery* 21:558-66, 1995.
13. Brody FJ, **Trad KS**. Comparison of acid reduction in laparoscopic antiulcer operations. *Surgical Endoscopy*, 11(2):123-125, 1997.
14. Tsangaris TN, **Trad KS**, Brody FJ, Jacobs LK, Tsangaris NT, Sackier JM. Endoscopic axillary exploration and sentinel lymphadenectomy. *Surgical Endoscopy*, 13(1): 43-47, 1999.
15. **Trad KS**, Turgeon DG, Deljick E. Long-term Outcomes after Transoral Incisionless Fundoplication in Patients with GERD and LPR Symptoms. *Surgical Endoscopy* 26:650-660, 2012.
16. Bell RC, Mavrelis PG, Barnes WE, Dargis D, Carter BJ, Hoddinott KM, Sewell RW, **Trad KS**, Gill BD, Ihde GM. A Prospective Multicenter Registry of Patients with Chronic Gastroesophageal Reflux Disease Receiving Transoral Incisionless Fundoplication. *J Am Coll Surg* 215(6): 794-809, 2012.
17. Wilson EK, **Trad KS**, et al. The Effects of Endoscopic Fundoplication on Chronic GERD Patients: 12 Month Prospective Multicenter Experience. *Surg Laparosc Endosc Percutan Tech*; 2014 Feb; 24(1):36-46.
18. Bell RC, Barnes WE, Carter BJ, Sewell RW, Mavrelis PG, Ihde GM, Hoddinott KM, Fox MA, Gunsberger T, Hausmann MG, Dargis D, Gill BD, Wilson E, **Trad KS**. Long Term Outcomes of

Endoscopic Fundoplication: 2 Year Results from the Prospective Multicenter U.S. Study. *The American Surgeon*; Vol.80(11), November 2014, 1093-1105.

19. **Trad KS**, et al. Transoral Fundoplication vs. Proton Pump Inhibitor Therapy for Treatment of Chronic Gastroesophageal Reflux: Short-term Results from a Multicenter, Randomized, Open Label Clinical Trial. *Gastroenterology*; May 2013 Vol. 144(5), Supplement 1, Pages S163-S-164.
20. Bell RC, **Trad KS**, et al. Univariate and Multivariate Analyses of Preoperative Factors influencing Symptomatic Outcomes of Transoral Fundoplication. *Surgical Endoscopy*, October 2014; 28:2949-2858.
21. **Trad KS**, et al. Efficacy of Transoral Fundoplication for Treatment of Chronic Gastroesophageal Reflux Disease incompletely controlled with high-dose PPI Therapy: A randomized, multicenter, open label crossover study. *BMC Gastroenterology*, October 2014; 6:14(1):174.
22. **Trad KS**, et al. Transoral Incisionless Fundoplication Effective in Eliminating GERD Symptoms in Partial Responders to Proton Pump Inhibitor Therapy at 6 Months: The TEMPO Randomized Clinical Trial. *Surgical Innovation*, February 2015; 22(1): 26–40.
23. Hunter JG, Kahrilas PJ, Bell RCW, Wilson, EB, **Trad KS**, et al. Efficacy of Transoral Fundoplication vs Omeprazole for Treatment of Regurgitation in a Randomized Controlled Trial. *Gastroenterology*, February 2015;148(1):324-33.
24. **Trad KS**, et al. Transoral Fundoplication Offers Durable Symptom Control for Chronic GERD: 3-year Report from the TEMPO Randomized Trail with a Crossover Arm. *Surgical Endoscopy*, June 2017; 31(6):2498-2508.
25. **Trad KS**. Transoral Incisionless Fundoplication: Current Status. *Current Opinions in Gastroenterology*, July 2016;32(4):338-343.
26. Gerson LB, **Trad KS**, Lobontiu A. Efficacy of Transoral Incisionless Fundoplication for Gastroesophageal Reflux Disease: A Meta-Analysis. *Gastroenterology*, April 2016;150(4):S480.
27. **Trad KS**, et al. The TEMPO Trial at 5 Years: Transoral Fundoplication (TIF 2.0) Is Safe, Durable, and Cost-effective. *Surgical Innovation*, April 2018; 25(2):149-157.
28. **Trad KS**, Jemsek JG, Trad C, Sparks AD, Marino PJ, Ghidei SK. Usefulness of HIDA scan for the diagnosis of chronic cholecystitis in patients with a history of Lyme disease. *Surgical Endoscopy*, November 2021; 35(11): 174.
29. Maselli DB, Abusaleh R, **Trad KS**, Lopez-Nava G, Turro R, Abu Dayyeh BK. Feasibility of a single endoscopic plication procedure for the treatment of gastro-esophageal disease and obesity (E-Video). *Endoscopy*, Published online May 2021

B. Research Funding:

Investigator, TIF Registry Study for the Treatment of GERD

January 2010 - February 2011 (funded by Endogastric Solutions)

Investigator in one of ten nationwide centers studying TIF (Transoral Incisionless Fundoplication) Prospective, open-label, multicenter, single-arm study (ClinicalTrials.gov Identifier: NCT01118585)

Investigator, RESPECT Trial

Randomized EsophyX Versus Sham/Placebo Controlled TIF Trial (funded by Endogastric Solutions)

Randomized Double-blind Controlled Trial comparing Transoral Incisionless Fundoplication (TIF) using EsophyX with Sham Procedure for the Treatment of PPI-dependent GERD compared with Sham and Placebo Controls (ClinicalTrials.gov Identifier: NCT01136980). Closed.

Principal Investigator, TEMPO Trial

TIF versus Medical PPI Management of Refractory GERD symptoms (funded by Endogastric Solutions)

Randomized Controlled Trial comparing Transoral Incisionless Fundoplication (TIF) Using EsophyX with Sham Procedure for the Treatment of PPI-dependent GERD compared With Sham and Placebo Controls (ClinicalTrials.gov Identifier: NCT01647958). Closed for enrollment in 2012.

Investigator, STAR Registry

(Laparoscopic Nissen Fundoplication (LNF) Surgery Versus Transoral Incisionless Fundoplication (TIF): Anti- Reflux Treatment Registry

Prospective three-year registry of patients undergoing TIF versus LNF for treatment of GERD.

Administered by the American Gastroenterological Association (AGA) Institute for GI Innovation and Technology. Closed.

Principal Investigator, George Washington University IRB Number NCR180877 Subacute Cholecystitis and Lyme Disease. A retrospective analysis of subacute acalculous cholecystitis in a patient population with Lyme disease). Approved with exempt status June 2019. Not funded.

C. Invited Lectures:

Long Term Outcomes after Transoral Incisionless Fundoplication in Patients with GERD and LPR. Oral Presentation at the 2011 Scientific Meeting of the Society of American and Endoscopic Gastrointestinal Surgeons (SAGES), San Antonio, Texas.

Co-Chair, Panel Session on GERD and Paraesophageal Hernias at the 2011 Scientific Meeting of the Society of American and Endoscopic Gastrointestinal Surgeons (SAGES), San Antonio, Texas.

Laryngo-Pharyngeal Reflux. Oral Presentation at the 2011 Meeting of the American Society of General Surgeons (ASGS) in Denver, Colorado.

When is Surgery Appropriate for GERD and What is the Appropriate Procedure? Oral Presentation at the 2011 Meeting of the American Society of General Surgeons (ASGS) in Denver, Colorado.

Long Term Outcomes of Endoscopic Fundoplication: 2 Year Results from the Prospective Multicenter U.S. Study. Oral Presentation at the 2013 Annual Meeting of the Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) in Baltimore, Maryland, April 2013.

Transoral Fundoplication vs. Proton Pump Inhibitor Therapy for Treatment of Chronic Gastroesophageal Reflux: Short-term Results from a Multicenter, Randomized, Open Label Clinical Trial. Lecture presentation during Digestive Disease Week 2013 in Orlando, Florida, May 2013.

Transoral Fundoplication: An Effective Treatment Alternative for GERD? The Paul Shorb Lecture, Grand Rounds Presentation at the Department of Surgery, The George Washington University Hospital, Washington, District of Columbia, November 2013.

Efficacy of Transoral Fundoplication for Treatment of Chronic Gastroesophageal Reflux Disease Incompletely Controlled with High-Dose PPI Therapy: A Randomized, Multicenter, Open Label, Crossover Study. Lecture Presentation at Digestive Disease Week 2014 in Chicago, Illinois, May 2014.

Closing the GERD Therapy Gap: An Update on Transoral Incisionless Fundoplication. Lecture at the Illinois Reflux Society, Chicago, Illinois, May 2014.

An Update on TIF: Results of Two Randomized Controlled Trials. Lecture at the American Society of General Surgery, Washington, District of Columbia, January 2015

GERD in 2015: Who, What and When? SAGES Postgraduate Course on Endoluminal Therapies for GERD, Nashville, Tennessee, April 2015

Three-year Report from the TEMPO Randomized Trial. Oral Presentation at the 2016 Annual Meeting of the Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) in Boston, Massachusetts, March 2016.

Transoral Fundoplication Offers Durable Symptom Control for Chronic GERD: Results of Three Randomized Controlled Trials. Oral Presentation at the Romanian National Surgery Congress, Sinaia, Romania, June 2016.

Interim Results from the TEMPO Randomized Trial at 4 years. Oral Presentation at MIS week 2017, San Francisco, California, September 2017.

What's New in GE Barrier Surgery for Reflux. Invited lecture at the 2022 Esophageal Diseases Conference, Georgetown University, April 2022.

3. TEACHING, MENTORING, AND ADVISING

A. Teaching Activities

Medical School Clerkship

Name of Clerkship: Surgery Core Rotation, The George Washington University School of Medicine and Health Sciences – Washington, District of Columbia

Role: Supervising Physician and Preceptor

Number of Direct Contact Hours: 40 hours per week (1992 – 1995)

Physician Assistant Program Clerkship

Name of Clerkship: Surgery Core Rotation, The George Washington University School of Medicine and Health Sciences – Washington, District of Columbia

Role: Preceptor

Number of Direct Contact Hours: 25 hours per week (2014 – Present)

Clinical Apprenticeship Program (CAP)

The George Washington University Medical School Program for MS1 and MS2, allowing students to practice with real patients and in real clinical settings, basic interviewing and examining skills (2015 – Present)

Lead Faculty

Transoral Incisionless Fundoplication (EsophyX, Endogastric Solutions) Training Course for Surgeons and Gastroenterologists at the Washington Institute of Surgical Endoscopy, George Washington University School of Medicine and Health Sciences. Included didactic lectures, webinars and hands-on training (2012 – 2016)

4. SERVICE

HCA Reston Hospital, Reston, Virginia

2010 – 2011 and 2013 – 2016: Member, Medical Executive Committee

2007 – 2010: Member, Cancer Committee

2008 – 2016: Member, ER Call Physician Compensation Task Force

2010 – Present: Member, Operating Room Committee

Jan 2010 – Dec 2011: Chairman, Department of Surgery

Jan 2013 – Dec 2016: Vice-President, Medical Staff

Jan 2020 – Present: Member Graduate Medical Education Steering Committee

5. HONORS AND AWARDS

2017: Jules Cahan Distinguished Teaching Award, George Washington University School of Medicine and Health Sciences

2013: SAGES 2013 Recognition of Excellence Award, Society of American Gastrointestinal and Endoscopic Surgeons

1994: Finalist, Most Distinguished Faculty Teacher Award, The George Washington University School of Medicine

1992: Harry B. Zehner Memorial Traveling Fellowship Award
Washington Chapter, American College of Surgeons

1992: Outstanding Resident Award (Selected by the Attending Physicians Association) The George Washington University

1992: Upjohn Achievement Award (Selected by House Officer Peers)
Department of Surgery, The George Washington University

1991: Third Place Honors, Surgical Competitive Forum
The Washington Academy of Surgery

1990: First Place, Scientific Paper Competition
Chesapeake Vascular Society

1986: William H. Lee Award, Division of Cardiothoracic Surgery
Medical University of South Carolina – Charleston, South Carolina

Local and Community Recognitions:

2014 – 2022: America's Top Doctors, Castle Connolly

2011 – 2018: Superdoctors, Washington, DC – Baltimore – Northern Virginia, Washington Post Magazine

2011 – 2022: Top Doctors, Northern Virginia Magazine

2010 – 2021: Washington Top Doctor, Washingtonian Magazine

6. PROFESSIONAL SOCIETY MEMBERSHIPS

American College of Surgeons (ACS, Fellow) since 1995

Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)

American Society of Gastrointestinal Endoscopy (ASGE)

American Society of General Surgery (ASGS)

American Foregut Society (AFS), Founding member (2018)

Society of the Surgery of the Alimentary Tract (SSAT)