

Steven Lee Carpenter, MD, AGAF, FASGE, FACP
CURRICULUM VITAE

Chief Resident, Internal Medicine

Emory University, VAMC
July 1991 – June 1992

Fellowship, Gastroenterology

University of Michigan
July 1993 – June 1996
Ann Arbor, Michigan

CERTIFICATION AND LICENSURE

License to Practice Medicine: State of Georgia
Diplomate, American Board of Medical Examiners, Internal Medicine
Diplomate, American Board of Medical Examiners, Gastroenterology

PROFESSIONAL

Faculty Appointment(s)

Associate Professor
Department of Internal Medicine
Memorial Health University Medical Center
Mercer University School of Medicine
1996 – present

Assistant Clinical Professor
Department of Internal Medicine
Medical College of Georgia
1996 – present

EMPLOYMENT EXPERIENCE

Gastroenterologist / Hepatologist
Center for Digestive and Liver Health
Savannah, Georgia
July 1996 - present

Attending Physician
Memorial Health University Medical Center
Savannah, Georgia
July 1996 – present

Attending Physician
Veteran's Administration Clinic
Elmendorf Air Force Base Hospital
Anchorage, Alaska
July 1992 – June 1993

Attending Physician
Medical Emergency Clinic
Grady Memorial Hospital
Atlanta, Georgia
December 1991 – June 1992

Professional Society Memberships

American Gastrointestinal Association
American Society of Gastrointestinal Endoscopy
American College of Gastroenterology

Steven Lee Carpenter, MD, AGAF, FASGE, FACP
CURRICULUM VITAE

American College of Physicians

Fellowships

Fellow: American Gastrointestinal Association, AGAF
Fellow: American Society of Gastrointestinal Endoscopy, FASGE
Fellow: American College of Physicians, FACP

Major Committee Assignments

Chair, AGA CTC Advisory Comm, 2009
Technology Committee, American Society of Gastrointestinal Endoscopy 2003-2005
Clinical Practice Nominating Committee, American Gastroenterology Association
Residency Review Committee, Memorial Health University Medical Center
Medical Executive Committee, Memorial Health University Medical Center, 2005 -
Graduate Medical Education Committee, Memorial Health University Medical Center, 2005-
Continuing Medical Education Committee, Memorial Health University Medical Center, 2005-

Research Positions

Secretary, Southeastern Digestive and Liver Disease Institute, Savannah, Georgia

Hospital Affiliations

Memorial Health University Medical Center, Savannah, Georgia
Candler General Hospital, Savannah, Georgia
St. Joseph's Hospital, Savannah, Georgia

Electronic Medical Record Experience

Touchworks Project Team Training: Allscripts Healthcare Solutions, Chicago. 1/24/05-1/28/05.
Physician Champion: Touchworks EMR, The Center for Digestive and Liver Health

CT Colonoscopy Experience

AGA Institute CT Colonography for the Gastroenterologist: A Hand-On Course
Boston, MA, August 1-3, 2008 (75 cases reviewed)

AGA Institute CT Colonography for the Gastroenterologist: Clinical Practice Issues
Charlotte, NC, September 5-6, 2008 (25 Cases reviewed)

9th International Symposium on Virtual Colonoscopy
Boston, MA, October 27 – 29, 2008 (50 cases reviewed)

Mentorship: Bethesda Naval Medical Center. 12/8/08-12/12/09; 41 cases directly observed, 50 additional cases reviewed. Proctor: Dr. Brooks Cash

10th International Symposium on Virtual Colonoscopy
Reston, VA, October 26 – 28, 2009 (50 cases reviewed)

HONORS AND AWARDS

Healthcare Heroes Award, Georgia Medical Society, 2009

Steven Lee Carpenter, MD, AGAF, FASGE, FACP
CURRICULUM VITAE

Designated Hooder for Mercer School of Medicine Graduation: 2007
Fellow: American Gastrointestinal Association, AGAF: 2007
Fellow: American Society of Gastrointestinal Endoscopy, FASGE: 2007
Fellow: American College of Physicians, FACP: 2007
America's Top Physician's, Gastroenterology, Internal Medicine: 2007,08,09
Best Doctors in America 2005-09
Attending Physician of the Year, MHUMC Internal Medicine Program: 2001-2002
Consultant of the Year, MHUMC Surgery Program: 1999
Outstanding Resident, 88-89, Emory University, Department of Internal Medicine
Outstanding Resident, 89-90, Emory University, Department of Internal Medicine
Nathan Flinchum Memorial Scholarship, Georgia State University, 1983
Dean's Key, Georgia State University, 1984
Honors in Mathematics, Georgia State University, 1984

RESEARCH EXPERIENCE

Clinical Trial Experience

1. Principal Investigator, Metabolic Solutions Trial, "An investigation of a blood test (EZ HBT-Helicobacter Blood Test) for Diagnosis of active H. pylori infection," 4/97 - 7/99.
2. Sub Investigator, Schering-Plough Protocol R96-418, "Intron A + Ribavirin for Treatment of Patients with Interferon-Refractory or Interferon-Relapsed Chronic Hepatitis C," 5/97 - 7/98.
3. Sub Investigator, TAP Holdings Protocol M96-619, "A study to evaluate the effects of lansoprazole 30mg or 15mg QD versus placebo in patients with non-ulcer dyspepsia," 5/97 - 2/98.
4. Sub Investigator, Schering-Plough Study, "Intron-A + Ribavirin for patients with interferon-naïve chronic active hepatitis C," 8/97 - 10/98.
Sub Investigator, Glaxo-Wellcome Protocol S3BA3001, "A 12-week randomized, double-blind, placebo-controlled study of alosetron on female patients with irritable bowel syndrome," 9/97 - 8/98.
5. Sub Investigator, Astra-Merck study, "Multicenter randomized double-blind 8-week comparative efficacy and safety study of H199/18 40mg and omeprazole 20mg in study subjects with erosive esophagitis," 9/97 - 3/98.
6. Sub Investigator, Astra-Merck study, "Multicenter open-label long-term safety study of H199/18 40mg in subjects with healed erosive esophagitis," 9/97 - 9/98.
7. Sub Investigator, Glaxo-Wellcome Protocol S3BA3003, "A twelve-month randomized, double-blind, placebo-controlled study to evaluate the quality of life and safety associated with the long-term use of alosetron (GR68755) in subjects with irritable bowel syndrome," 11/97 - 8/98.
8. Principal Investigator, Cell Pathways protocol 011, "A randomized, multicenter, dose-response, double-blind, placebo-controlled study to determine the efficacy in causing polyp regression and the safety of FGN-1 in patients with sporadic adenomatous polyps of the colon," 3/98 - 9/00.
9. Sub Investigator, Schering-Oncology Biotech, "Intron A + Ribavirin + Amantadine versus Intron A + Ribavirin for treatment of patients with chronic hepatitis C not previously treated with interferon: a randomized trial." (original research-pilot study) 09/98 - present.
10. Sub Investigator, Amgen protocol #980170, "Use of Infergen in Hepatitis C patients who have not responded to Interferon/Ribavirin," 3/99 - 7/00.

Steven Lee Carpenter, MD, AGAF, FASGE, FACP
CURRICULUM VITAE

11. Sub Investigator, Genetics protocol C9853-14, "A Randomized, Double-Masked, Placebo-Controlled Study of Subcutaneously Administered Recombinant Human Interleukin-11 (rhIL-11) in Patients with Active Crohn's Disease not treated with Prednisone," 7/99 – 4/01.
12. Sub Investigator, Glaxo Wellcome protocol S3B30020, "A 24 Week Randomized, Open Label Study of Health Care Resource Use, Quality of Life and Productivity with Alosetron 1 mg Twice Daily versus Traditional Therapy in Females with Diarrhea Predominant Irritable Bowel Syndrome," 12/99 – 10/00.
13. Sub Investigator, Kendle Searle protocol IQ4-99-02-005 in conjunction with the National Cancer Institute Protocol No-1CN-95015, "Prevention of Sporadic Colorectal Adenomas with Celecoxib," 4/00 – present.
14. Principal Investigator, AstraZeneca protocol 267. "Comparative Efficacy Study of Esomeprazole Magnesium (40 mg qd) and Lansoprazole (30 mg qd) in Patients with Erosive Esophagitis," 7/00 – 12/00.
15. Sub Investigator, Schering-Plough Integrated Therapeutics, "Comparison of PEG Interferon alfa-2b plus Ribavirin Given as a Fixed Dose or on a Weight Optimized basis for Treatment of Chronic Hepatitis C in Previously Untreated Adult Subjects," 4/01 – present.

PUBLICATIONS

Book Chapters

Carpenter SL. Contributor to chapter on pancreatic diseases: In Yamada, T. (Ed). Textbook of Gastroenterology; Self assessment and Review. 2nd ed. Philadelphia, PA, J.B. Lippencott. 1995.

Book Reviews

1. Gastrointestinal cancers: Biology, Diagnosis and Therapy. Anil Rustgi. American Journal of Gastroenterology. 1996.
2. Atlas of Gastrointestinal Endoscopy. E.B. Keefe. Gastrointestinal Endoscopy 2000;51:380-381.
3. Textbook of Gastrointestinal Radiology. R. M. Gore & M. S. Levine. Gastrointestinal Endoscopy 2001;53(7):844-45.

Refereed Journal Publications

1. Carpenter SL and Brown K. Chronic Complications of Cholecystojejunostomy. American Journal of Gastroenterology 1994;89:2073-2075.
2. Brown K, Carpenter SL, Barnett J, Williams D. Proximal Migration of a Biliary Stent: Treatment by combined Percutaneous/Endoscopic Approach. Gastrointestinal Endoscopy 1995;41(6):611-612.
3. Carpenter SL and McDonnell M. Misuse of Veterinary Phenylbutazone. Archives of Internal Medicine 1995;155(11):1229-1231.
4. Carpenter SL, Bansal R, and Scheiman J. Endosonography of an abdominal bronchogenic cyst. Gastrointest Endosc. 1996 Aug;44(2):197-9.
5. Chey WD, Spybrook M, Carpenter S, Norstrant TT, Elta GH, Scheiman JM. Prolonged Effect of Omeprazole on the 14C-Urea breath Test. American Journal of Gastroenterology 1996;91(1):89-92.

Steven Lee Carpenter, MD, AGAF, FASGE, FACP
CURRICULUM VITAE

6. Jurado R, Carpenter SL, Rimland D. Case reports: trimethoprim-sulfamethoxazole-induced meningitis in patients with HIV infection. *American journal of Medical Sciences* 1996; 312(1):27-9.
7. Chak A, Canton M, Rosch T, Dittler HJ, Hawes RH, Tio TL, Lightdale CJ, Boyce HW, Scheiman J, Carpenter SL, Van Dam J, Kochman M, and Sivak M. Endosonographic Differentiation of Benign and Malignant Stromal Cell Tumors. *Gastrointestinal Endoscopy* 1997; 45(6):468-73.
8. Carpenter SL and Scheiman JM. Pancreatic Imaging. *Current Opinion in Gastroenterology*. 1996.
9. Greenson JK, Stern RA, Carpenter SL, Barnett JL. The Clinical Significance of Focal Active Colitis. *Human pathology* 1997; 28(6):729-33.
10. Orsetti K, Carpenter SL, Jurado R. Cavitory Pneumonia Secondary to *Rhodococcus Equi* after Subtotal Gastrectomy: A Case Report. *Infectious Diseases in Clinical Practice*. Accepted. 1998.
11. Chey WD, Murthy U, Toskes P, Carpenter S, Laine L. The ¹³C-Urea Blood Test Accurately Detects Active *Helicobacter pylori* infection: A United States, Multicenter Trial. *American Journal of Gastroenterology* 1999; 94(6):1522-1524.
12. Cannon M, Carpenter S, Elta G, Nostrant T, Kochman M, Ginsberg G, Stotland B, Rosato E, Morris J, Eckhauser F, Scheiman J. EUS compared with CT, MRI, and angiography and the influence of biliary stenting on staging accuracy of ampullary neoplasms. *Gastrointestinal Endoscopy* 1999; 50(1):27-32.
13. Greta Taitelbaum, MD, Bret T. Petersen, MD, Alan N. Barkun, MD, Poonputt Chotiprasidhi, MD, Ram Chuttani, MD, Julia Liu, MD, William B. Silverman, MD, Steven Carpenter, MD, Nadem Hussain, MD, Gregory G. Ginsberg, MD. Technology Assessment Committee Tools for endoscopic stricture dilation. *Gastrointestinal Endoscopy* 2004; 59(7): 753-60.
14. Bret Petersen, MD, Alan Barkun, MD, Steven Carpenter, MD, Poonputt Chotiprasidhi, MD, Ram Chuttani, MD, William Silverman, MD, Nadem Hussain, MD, Julia Liu, MD, Greta Taitelbaum, MD, Gregory G. Ginsberg, MD. Technology Assessment Committee Tissue adhesives and fibrin glues. *Gastrointestinal Endoscopy* 2004; 60(3):327-334
15. William B. Silverman, MD, Poonputt Chotiprasidhi, MD, Ram Chuttani, MD, Julia Liu, MD, Bret T. Petersen, MD, Greta Taitelbaum, MD, Alan N. Barkun, MD, Steven Carpenter, MD, Nadem Hussain, MD, Gregory G. Ginsberg, MD. Technology Assessment Committee Monitoring equipment for endoscopy. *Gastrointestinal Endoscopy* 2004;59(7): 761-65.
16. Croffie J, Carpenter S, Chuttani R, DiSario J, Hussain N, Liu J, Mishkin D, Somogyi L, Tierney W, Petersen BT. ASGE Technology Status Evaluation Report: disposable endoscopic accessories. *Gastrointestinal Endoscopy* 2005;62(4):477-79.
17. Mishkin D, Carpenter S, Croffie J, Chuttani R, DiSario J, Hussain N, Liu J, Somogyi L, Tierney W, Petersen BT. ASGE Technology Status Evaluation Report: radiographic contrast media used in ERCP. *Gastrointestinal Endoscopy* 2005;62(4):480-84.
18. Chotiprashidi P, Liu J, Carpenter S, Chuttani R, DiSario J, Hussain N, Somogyi L, Petersen BT. ASGE Technology Status Evaluation Report: wireless esophageal pH monitoring systems. *Gastrointestinal Endoscopy* 2005;62(4):485-87.
19. Chuttani R, Barkun A, Carpenter S, Chotiprasidhi P, Ginsberg GG, Hussain N, Liu J, Silverman W, Taitelbaum G, Petersen B. Technology Assessment Committee

Steven Lee Carpenter, MD, AGAF, FASGE, FACP
CURRICULUM VITAE

- Endoscopic clip application devices. *Gastrointestinal Endoscopy* 2006;63(6):746-50.
20. Alan Barkun, Julia Liu, Steven Carpenter, Poonputt Chotiprasidhi, Ram Chuttani, Gregory Ginsberg, Nadeem Hussain, William Silverman, Greta Taitelbaum, Bret T. Petersen. Technology Assessment Committee Update on endoscopic tissue sampling devices *Gastrointestinal Endoscopy* 2006;63(6):741-45.
21. Liu J, Carpenter S, Chuttani R, Croffie J, DiSario J, Mergener K, Mishkin DS, Shah R, Somogyi L, Tierney W, Petersen BT. Technology Assessment Committee: Endoscopic ultrasound probes. *Gastrointestinal Endoscopy* 2006;63(6):751-54
22. Petersen BT, Hussain N, Marine J, Trohman R, Carpenter S, MD, Ram Chuttani, MD, Joseph Croffie, MD, James DiSario, MD, Poonputt Chotiprasidhi, MD, Julia Liu, MD, Lehel Somogyi, MD. Endoscopy in patients with implanted electronic devices. *Gastrointestinal Endoscopy* 2007;65(4):561-568.
23. Carpenter S, Petersen BT, Chuttani R, Croffie J, DiSario J, Liu J, Mishkin D, Shah R, Somogyi L, Tierney W, Song L. Technology Assessment Committee: Polypectomy Devices. *Gastrointestinal Endoscopy* 2007;65(6):6:741-749.

Abstracts

1. Carpenter SL, Caldwell CA, Brown KA, Henley KS, Merion RM, Lucey MR. Donor and Recipient Sex Affects Short Term Graft Survival After Orthotopic Liver Transplantation, *Gastroenterology*. 1994;106(4):A872.
2. Carpenter S, Wiley J, Owyang C, and Shreve P. Metabolic Imaging of the Pancreas with Positron Emission Tomography, North American Conference of Gastroenterology Fellows, presented 2/95.
3. Carpenter SL, Chey WD, Hasler W, Fey D, Kim M, Spybrook M and Owyang C. Evidence of Inhibitory 5HT3 Pathways in Modulation of CCK and non-CCK Dependent Pancreatic Enzyme Secretion. *Gastroenterology*. 1995;108(4):A346.
4. Carpenter SL, Wiley J, Owyang C, and Shreve P. C-11 Acetate Positron Emission Tomography of the Pancreas: a study of the normal pancreas, chronic pancreatitis, and neoplasm. *Gastroenterology*. 1995;108(4):A346.
5. Bansal R, Kadish SL, Carpenter SL, Ginsberg GG, Smith D, Rosato E, Morris J, Eckhauser F, Kochman ML, Scheiman JM. Accuracy of Endoscopic Ultrasound vs. CT Scan, MRI, and Angiography for the Staging of Adenocarcinoma of the Ampulla of Vater. *Gastrointestinal Endoscopy* 1995;41(4):A2.
6. Stern RA, Carpenter SL, Barnett JL, and Greenson JK. The Clinical Significance of Focal Active Colitis. *Gastroenterology*. 1995;108(4):A922.
7. Carpenter SL, Kadish SL, Bansal R, Ginsberg GG, Smith D, Rosato E, Morris J, Eckhauser F, Kochman ML, Scheiman JM. Biliary Stents effect EUS staging accuracy of Ampullary Neoplasms. 10th International Symposium on Endoscopic Ultrasonography. (meeting 10/95, acceptance pending).
8. Chak A, Canto M, Rosch T, Hawes RH, Scheiman J, Carpenter SL Van Dam J, and Sivak M. Endosonographic Criteria Associated with Malignancy in Gastrointestinal Smooth Muscle Tumors. 10th International Symposium on Endoscopic Ultrasonography. (Meeting 10/95).
9. Shreve P, Carpenter SL, Chiao PC, and Gross MD. Positron Emission Tomography of the Pancreas and related diseases. American Federation of Clinical Research. May 5, 1995.
10. Carpenter, SL, Bansal R, Nostrant TT, Elta GH, Thompson N, and Scheiman JM. Cost Effectiveness of Endoscopic Ultrasound for Pre-operative Localization of

Steven Lee Carpenter, MD, AGAF, FASGE, FACP
CURRICULUM VITAE

Pancreatic Endocrine Tumors: A Case-Control Study. *Gastroenterology* 1996; 110(4):A.

11. Wille RT, Carpenter SL, Marx MV, Williams DM, and Elta GH. Percutaneous Dilatation of Post-operative Anastomotic Biliary Strictures after Hepaticojejunostomy. *Gastrointestinal Endoscopy* 1996;43(4):A447.

12. Chak A, Canto M, Rosch T, Dittler HJ, Hawes RH, Tio TL, Lightdale CJ, Boyce HW, Scheiman J, Carpenter SL, Van Dam J, Kochman M, and Sivak M. Endosonographic (EUS) Differentiation of Benign and Malignant Smooth Muscle Tumors. *Gastrointestinal Endoscopy* 1996;43(4):A506.

13. Tierney WM, Carpenter SL, Bansal R, Francis I, Eckhauser F, Hirth RA, and Scheiman JM. Accuracy and Economic Impact of Helical CT and Endoscopic Ultrasound in the Staging of Ampullopapneatic Tumors. *Gastroenterology* 1997. A3357.

14. Shirley Meredith, MD, Valerie Siqueira, MD, Than Win, MBBS, FACP, and Steven Carpenter, MD. Dept of Internal Medicine. Eosinophilic Esophagitis and Esophageal Perforation. *American Journal of Gastroenterology* 2006

15. Steve Carpenter, MD, Soha Taheri, MD, Lynn Marini, RN, MBA, Naresh Gunuratnam, MD, and Andrew Cantanzaro, MD. Prospective Assessment of electronic health record (EHR) implementation on community based GI practice. *American Journal of Gastroenterology* 2007

16. Valerie S. Duhn, MD. , Shirley Meredith, MD, Than Win, MBBS, FACP, and Steven L. Carpenter, MD. Achalasia and Mycobacterium Chelonae: An Unusual Association

Selected for oral presentation at American College of Physicians, Georgia Chapter in March 2007

Conferences:

Course Director

First Annual Internal Medicine Conference
Heart & Vascular Conference, 3/2/07-3/3/07
Savannah, GA

Course Director

Second Annual Internal Medicine Conference
Heart & Vascular Conference, 4/18/08-4/19/08
Savannah, GA

Course Director

Third Annual Internal Medicine Conference
Heart & Vascular Conference, 3/20/09
Savannah, GA

Third Annual Gastroenterology Update 2007
Savannah, GA

Program Planning Committee, Moderator & Speaker
GA ACP Meeting 2007-2009

Steven Lee Carpenter, MD, AGAF, FASGE, FACP
CURRICULUM VITAE

Savannah, GA

Course Committee: 8th Annual Memorial Health University Cancer Congress, November 2004

Recent Conferences:

02/05/09	Medicine Grand Rounds: UNC-Chapel Hill	CT Colonoscopy
02/06/09	ID Grand Rounds: UNC-Chapel Hill	Hepatitis C
02/27/09	GA ACP Annual Conference	CT Colonoscopy
07/18/09	Mercer Internal Medicine Update, Sea Pines	CT Colonoscopy

DDW Participation

New Frontiers in GI Bleeding: Moderator. DDW 5/19/2003. Orlando, FL

Risk Management for Gastroenterology: Moderator. DDW 5/2004

Nurse Practitioners in Gastroenterology. DDW 5/2007: Moderator, Washington, DC

Editorial Review

Gastrointestinal Endoscopy. 1996 – present