

KULDIP S. BANWAIT, M.D., MBA.

800 Quail Creek Drive, Suite 101
Amarillo, TX 79124
Phone: 806-354-9400 (work)
E-mail: kbanwait@yahoo.com
Fax: 806-354-9403
Website: www.phgastro.com

Presently working as a Gastroenterologist in Amarillo, Texas since 2007.

PROFESSIONAL TRAINING

2003-2006 **Thomas Jefferson University Hospital, Philadelphia, PA**
Clinical Fellow, Division of Gastroenterology and Hepatology
2000-2003 **Thomas Jefferson University Hospital, Philadelphia, PA**
Motility Fellow, Division of Gastroenterology and Hepatology
1997-2000 **Raritan Bay Medical Center, Perth Amboy, NJ**
Resident, Division of Internal Medicine
1993-1994 **Medical College and Hospital, Calcutta, India**
Resident in the Department of General Surgery
1992-1993 **Medical College and Hospital, Calcutta, India**
Rotating Intern

EDUCATION

2009-2011 **Rawls College of Business, Texas Tech University, Lubbock**
MBA
1987-1992 **Medical College, Calcutta, India**
Doctor of Medicine, 1993.
1985-1987 **Maulana Azad College, Calcutta University, India**
Higher Secondary Education

RESEARCH TRAINING

2000-2003 **Thomas Jefferson University Hospital, Philadelphia, PA**
Basic and Clinical Research

AWARDS AND HONORS

1985-1987 **National Merit Scholarship awarded by Government of India**

CERTIFICATION:

American Board of Gastroenterology and Hepatology.

LICENSURE:

USMLE Step 1: Sep 22, 23, 1994
USMLE Step II : Aug. 31, Sep.1, 1994
USMLE Step III : Dec. 1997

KULDIP S BANWAIT, M.D.

MEDICAL SOCIETIES:

American Gastroenterological Association
American College of Gastroenterology
American College of Physicians
American Medical Association

PUBLICATIONS

Abstracts:

1. **Banwait KS**, Basak A, Rattan S, Role of endothelial nitric oxide synthase (eNOS) in internal anal sphincter (IAS) smooth muscle relaxation by β_3 -adrenoceptor agonist. *Gastroenterology*. 2002;122(suppl):A-445. [T1270]
2. **Banwait KS**, DiMarino M, DiMarino AJ, Cohen S. Persistent symptomatic gastroesophageal reflux while on proton pump therapy; The acid rebound myth. *Gastroenterology*. 2002;122(suppl):A-196. [S1273]
3. **Banwait KS**, DiMarino M, Rattan S, Cohen S, DiMarino AJ Action of β_3 -agonist on the cholinergic mediated hypertensive lower esophageal sphincter in the opossum. *Gastroenterology*. 2002;122(suppl):A-360. [M1809]
4. DiMarino M, **Banwait KS**, Rattan S, Cohen S, DiMarino AJ Characterization of the β_3 -adrenergic receptor at the opossum lower esophageal sphincter; comparison with β and β -adrenergic sites. *Gastroenterology*. 2002;122(suppl):A-359. [M1806]
5. Chennat J, **Banwait KS**, Rivera S, DiMarino AJ, Cohen S, Pattern of Esophageal Acid Exposure and Motor Events in Patients with Noncardiac Chest Pain. Presented at the 67 th Annual Scientific Meeting of the American College of Gastroenterology, Seattle, Washington, October 2002.
6. **Banwait KS**, Rivera S, DiMarino AJ, Cohen S. Patterns of Gastroesophageal Reflux Disease in the Elderly. (**Presidential poster Award**). Presented at the 67 th Annual Scientific Meeting of the American College of Gastroenterology, Seattle, Washington, October 2002.
7. **Banwait KS**, Sen P, DiMarino AJ, Cohen S A survey of the burden Of gastrointestinal disease in Helicobacter positive and negative patients in a community hospital. Anthony J DiMarino Jr., Sidney Cohen Presented at the 68 th Annual Scientific Meeting of the American College of Gastroenterology, Seattle, Washington, October 2002.
8. **Banwait KS**, Banwait PS, DiMarino AJ, Kowalski T. Endoscopic Impression of Barrett's Esophagus: Declining Positive Predictive Value. *Gastroenterology*. 2003;124(suppl 1):A-642. [W1293]
9. Rathi S, Kazerounian S, **Banwait K**, Schulz S, Waldman S, Rattan S. Functional and Molecular Characterization of Beta Adrenoceptors in the Internal Anal Sphincter. *Gastroenterology*. 2003;124(suppl 1):A-682. [W1494]
10. Rossi M, **Banwait KS**, DiLisi J, Infantalino A, DiMarino A, Conn M Diagnostic yield of M2A Capsule Endoscopy compared with Sonde and Push Enteroscopy in patients with obscure gastrointestinal bleeding. *The American Journal of Gastroenterology*. 2003;98(suppl):S-294[883]
11. **Banwait KS**, Rivera S, Mukherjee A, DiMarino AJ, Cohen S, Quantification of Intrinsic and Extrinsic LES function in Gastroesophageal Reflux disease. *The American Journal of Gastroenterology*. 2003;98(suppl):S-24[69]
12. Achalasia in the Elderly; Evaluation of manometry at presentation. **Kuldip S Banwait**, MD *, Susie Rivera MD, Anthony DiMarino Jr. MD and Sidney Cohen MD. (ACG, 2003). *The American Journal of Gastroenterology*. 2003;98(suppl):S-15[43]
13. DiMarino AJ, **Banwait KS**, Eschinger E, Schneider A, Greenberg A, DiMarino M, Doghramji K, Cohen S, The Effects Of Gastroesophageal Reflux On Sleep Parameters In Patients With Insomnia. *Gastroenterology*. 2004;126(suppl 2):A-326. [M1400]

KULDIP S BANWAIT, M.D.

14. **Banwait KS**, Greenberg A, Eschinger E, Doghramji K, Cohen S, DiMarino AJ The Effect Of Proton Pump Therapy On Disturbed Sleep Mechanics Induced By Esophageal Acid Exposure. *Gastroenterology*. 2004;126(suppl 2):A-335. [M1446]
15. DiMarino AJ, **Banwait KS**, Eschinger E, Greenberg A, Doghramji K, Cohen S. Sleep Efficiency; Effect Of PPI Therapy In Patients With Marked Sleep Disturbance. *Gastroenterology*. 2004;126(suppl 2):A-340. [M1472]
16. **Banwait KS**, Eschinger E, Greenberg A, Doghramji K, Cohen S, DiMarino AJ. Does Apnea And Hypoxia Cause Nocturnal Gastroesophageal Reflux? *Gastroenterology*. 2004;126(suppl 2):A-6. [51]
17. Saunders AA, **Banwait KS**, DiMarino AJ, Cohen S The Scleroderma LES: Evidence For Impairment Of Smooth And Skeletal Muscle Components. *Gastroenterology*. 2004;126(suppl 2):A-502. [T1739]
18. Levy AH, **Banwait KS**, DiMarino AJ, Cohen S. Utility Of Twenty-Four Hour Esophageal Ph Monitoring In Patients With Persistent Symptoms On PPI Therapy. *Gastroenterology*. 2004;126(suppl 2):A-19. [132]
19. **Banwait K**, Harnois D, Tighe D, Katz L, Kastenberg D. The Effect of Exercise on the Esophageal Body and lower esophageal sphincter in normals and Patients with Gastroesophageal Reflux Disease. *Gastroenterology*. 2004;126 (suppl 2):A-500. [T1731]
20. **Doghramji K**, **Banwait K**, Cohen S, DiMarino AJ Sleep Efficiency; Effect Of PPI Therapy In Patients With Marked Sleep Disturbance. *SLEEP*.2004; 27(suppl).
21. **Banwait K**, Thaker K, Seymour BJ, Choi E, Loren D, Kowalski T. Comparison of Endoscopic Retrograde Cholangiopancreatography (ERCP) and Magnetic Resonance Cholangiography (MRCP) in the determination of common bile duct diameter. *Gastroenterology*. 2005;128(suppl 2):A-403. [M1839]
22. Thaker K, **Banwait K**, Loren D, Kowalski T. Comparison of Visual Estimation with Digital Caliper Measurement (DCM) of Common Bile duct (CBD) and pancreatic duct (PD) diameter during ERCP. *Gastrointestinal Endoscopy*. 2005; Volume 61:AB-219. [T1313]
23. **Banwait K**, Thaker K, Seymour BJ, Choi E, Loren D, Kowalski T. Comparison of Endoscopic Retrograde Cholangiopancreatography (ERCP) and Magnetic Resonance Cholangiography (MRCP) in the determination of common bile duct diameter. (DVSGE, 2003)
24. **Banwait K**; Thaker K; Lafleur R; McConnell S; Kwok K; Conn M; Dimarino, A; Infantolino A; Cohen S. A Survey of Clinical Experience of Video-Capsule Endoscopy in a University Hospital. *The American Journal of Gastroenterology*. 2005;100(suppl):S-345.
25. **Banwait K**; Thaker K;; McConnell S; Lafleur R; Kastenberg D; Conn M; Dimarino, A; Cohen S; Infantolino A. Video Capsule Endoscopy for Evaluating Obscure Gastrointestinal Bleeding in a Tertiary Care Center; an Unexpected Finding of Small Bowel Tumors. *The American Journal of Gastroenterology*. 2005;100(suppl):S-91.
26. **Banwait K**; Sanaka M; Thaker K; Kwok K; Moleski S; Assis D; Kowalski T; Loren D. Success of Argon Plasma Coagulation for Management of Gastric Antral Vascular Ectasia. *Gastroenterology*. 2006;130(suppl 2):A-465. [T1060].
27. Sanaka MR, **Banwait KS**, Assis D, Salese L, Thaker KM, Serper M, Kowalski T, Loren D Poor Correlation Between Endoscopic and Histologic Findings in the Gastric Antral Vascular Ectasia Syndrome. *Gastrointestinal Endoscopy* April 2006 (Vol. 63, Issue 5, Page AB166)
28. **Banwait KS**, Sanaka MR, Spodik M, Salese L, Thaker KM, Loren D, Kowalski T. Characteristics of Juxtapapillary Duodenal Diverticula (JPDD) in Patients Undergoing ERCP At a Tertiary Care Center *Gastrointestinal Endoscopy* April 2006 (Vol. 63, Issue 5, Page AB295).
29. Thaker K, Seymour B, Gupta D, **Banwait KS**, Feitelson M, Herrine S, Navarro V. Novel Markers of Cirrhosis and hepatocellular carcinoma in Hepatitis C. *Gastroenterology*. 2006;130(suppl 2):A-80. [542].
30. Thaker K, Battish R, Mitroo P, **Banwait KS**, Sanaka M , , Navarro V, Herrine S. Prevalence and Predictors of Venous Thrombosis in Hospitalized Patients with Cirrhosis. *Gastroenterology*. 2006;130(suppl 2):A-325. [M1209]
31. Banwait KS, Sanaka M, Thaker K, Serper M, Moleski S, Kowalski T, Loren D. Characteristics of Pancreatic Cysts in Patients Undergoing Endoscopic Ultrasound at a Tertiary Care Center. *The American Journal of Gastroenterology*. 2006;101 (suppl):S-119[230].

KULDIP S BANWAIT, M.D.

Journal Articles:

32. DiMarino M, **Banwait K**, Rattan S, Cohen S, DiMarino AJ. Beta3 adrenergic stimulation inhibits the opossum lower esophageal sphincter. *Gastroenterology*. 2002 Nov;123(5):1508-15
33. Sarma DNK, Sarma DN, **Banwait K**, Basak A, DiMarino AJ, Rattan S. Inhibitory effect of beta3-adrenoceptor agonist in lower esophageal sphincter smooth muscle: in vitro studies. *J Pharmacol Exp Ther*. 2003 Jan;304(1):48-55.
34. Rathi S, Kazerounian S, **Banwait K**, Schulz S, Waldman SA, Rattan S. Functional and molecular characterization of beta-adrenoceptors in the internal anal sphincter. *J Pharmacol Exp Ther*. 2003 May;305(2):615-24. Epub 2003 Feb 11.
35. **Banwait KS**, Rattan S. Role of nitric oxide in beta3-adrenoceptor activation on basal tone of internal anal sphincter. *Am J Physiol Gastrointest Liver Physiol*. 2003 Sep;285(3):G547-55. Epub 2003 May 07.
36. **Banwait K**, Cohen S. Current Understanding and Significance of Barrett's Esophagus. *Resident and Staff Physican*. 2003; 49.
37. Hashemi N, **Banwait KS**, DiMarino AJ, Cohen S. Manometric evaluation of achalasia in the elderly. *Aliment Pharmacol Ther*. 2005 Feb 15;21(4):431-4.
38. DiMarino AJ, **Banwait K**, Eschinger E, Greenberg A, Dimarino M, Doghramji K, Cohen S. The Effect Of Gastroesophageal Reflux And Omeprazole On Key Sleep Parameters. *Aliment Pharmacol Ther*. 2005 Aug 15;22 (4):325-9.

PROFESSIONAL PRESENTATIONS

39. Relevance of pH recording, Esophageal Manometry and Endoscopy in defining symptomatic Gastro-esophageal Reflux and its sequelae. **Kuldip S Banwait**, Thomas Kowalski, Sidney Cohen, Anthony DiMarino (Komarov Competition, Philadelphia 2003).
40. Endoscopic Impression of Barrett's Esophagus: Declining Positive Predictive Value. **Kuldip Singh Banwait**, Parveen Singh Banwait, Anthony DiMarino, Thomas Kowalski, (Mayo Clinic, 2004).
41. The Effect Of Proton Pump Therapy On Disturbed Sleep Mechanics Induced By Esophageal Acid Exposure. **Kuldip S Banwait**, Andra Greenberg, Eric Eschinger, Karl Doghramji, Sidney Cohen, Anthony J DiMarino. (Ninth Annual Young Investigator Conference, Huntington Beach, California 2004).
42. The inter-relationship of Sleep, gastroesophageal reflux and respiration. **Kuldip S Banwait**, Eric Eschinger, Karl Doghramji, Sidney Cohen, Anthony J DiMarino (Komarov Competition, Philadelphia 2004).
43. **Banwait K**, Thaker K, Seymour BJ, Choi E, Loren D, Kowalski T. Comparison of Endoscopic Retrograde Cholangiopancreatography (ERCP) and Magnetic Resonance Cholangiography (MRCP) in the determination of common bile duct diameter. (DVSGE, 2003)

PERSONAL

Hobbies Reading and traveling
Languages Conversational in Hindi, Punjabi, Bengali and Urdu Spanish

PROCEDURES

Proficient in Upper Endoscopy, Colonoscopy, Enteroscopy, ERCP, EMR (endoscopic mucosal Resection) Motility studies, pH studies, M2A capsule and Liver Biopsy