

# Saurabh Mukewar, MD

## Personal Information

386, Dandige Layout,  
Shankar Nagar,  
Nagpur – 440010  
India  
[saurabhmukewar@gmail.com](mailto:saurabhmukewar@gmail.com)  
Place of birth: Nagpur, India  
Citizenship: India  
Unites States Permanent Resident

## Present Academic Rank and Position

Adjunct Assistant Professor of Medicine, Department of Gastroenterology and Hepatology, Cornell University, New York Presbyterian Hospital, New York, NY 2018 – present

Consultant, Midas Multispecialty Hospital, Nagpur, India 10/2019 – present

## Education

Adult Transplant Hepatology Fellow, Division of Abdominal Transplant and Hepatobiliary Surgery, Columbia University, New York Presbyterian Hospital, New York, NY 2017 - 2018

Interventional Endoscopy Fellow and Clinical Instructor of Medicine, Division of Digestive Diseases, David Geffen School of Medicine at University of California, Los Angeles, CA 2016 - 2017

Gastroenterology fellow and Instructor of Medicine, Department of Gastroenterology and Hepatology, Mayo Clinic, Rochester, MN 2013 - 2016

Internal Medicine Resident and Instructor of Medicine, Department of Medicine, Cleveland Clinic Foundation, Cleveland, OH 2010 - 2013

M.B.B.S (Bachelor of Medicine & Bachelor of Surgery)  
Government Medical College, Nagpur, India  
Maharashtra University of Health Sciences, Nashik, India 2002 - 2009

## Board Certification

USMLE Step 1 – 246 (99)  
USMLE Step 2 CK – 252 (99)  
USMLE Step 2 CS – Passed  
USMLE Step 3 – 220 (93)  
ECFMG certified on Dec. 1, 2009  
Internal Medicine (ABIM) certified on Oct. 7, 2013 (top 10%)  
Gastroenterology (ABIM) certified on Dec, 21, 2016 (top 5%)

## Medical Licensure

New York State Medical Board

## **Honors/Awards**

### **Fellowship**

- American Gastroenterology Association Fellow Abstract Award, 2015
- Young Investigator Bursary Award, European Association for the Study of the Liver, 2015
- Research grant award, Minnesota Partnership for Biotechnology and Medical Genomics

### **Residency**

- Principal Investigator, American College of Gastroenterology Clinical Research Grant Award, 2012
- Principal Investigator, Research Program Committee Grant Award, 2011
- Clinical Scholar Program, 2011
  - Awarded to 6 out of 120 candidates in the Internal Medicine Residency program.
  - Advanced research track that offers selected residents anticipating a career in academic medicine with clinical teaching seminars, courses in clinical research or epidemiology, and a medical writing course.

### **Medical College**

- Amongst top 2% students in a class of 200 in Medical College
- Honors (above 75% marks) in Biochemistry, Microbiology, Pathology and Ophthalmology.
- Principal Investigator, Indian Council of Medical Research (ICMR) Scholarship Award presented to 100 medical students all over India, 2003

### **Previous Professional Positions and Appointments**

- Resident physician, Apollo Suretech Hospital and Research Center, Nagpur, India, 2010
- Research associate, Department of Infectious Diseases, Cleveland Clinic, Ohio, 2009
- Research associate, Midas Medical Foundation, India, 2005-2007
- Research assistant, Government Medical College, Nagpur, India, 2003-2005

### **Extramural Professional Responsibilities**

- DDW Video Committee, 2019-2020
- National Editor, Journal of Digestive Endoscopy, current
- Associate Editor, BioMed Central Gastroenterology, open access journal, current
- Consulting editor, Clinical and Experimental Gastroenterology, current
- Reviewer, Gastrointestinal Endoscopy, current
- Reviewer, Inflammatory Bowel Disease journal, current
- Reviewer, Journal of Digestive Endoscopy, current
- Editorial Board, Journal of Digestive Endoscopy, current

### **Professional Memberships and Societies**

- Member, Indian Association for the Study of the Liver, 2020 – current
- Member, Indian Society of Gastroenterology, 2020 – current
- Member, Society of Gastrointestinal Endoscopy of India, 2020 - current
- Member, American College of Gastroenterology, Jan. 2014 - current
- Member, American Gastroenterology Association, Jan. 2014 - current
- Member, American Society of Gastrointestinal Endoscopy, Jan. 2014 - current
- Member, American Association for the Study of Liver Diseases, Feb. 2016 - current

## Research Grants Awarded

- Minnesota Partnership for Biotechnology and Medical Genomics, 2015 for “Electroporation for Extracardiac Tissue Ablation: Novel Therapies for Disease”, **Co-investigator, US \$ 1 million**
- American College of Gastroenterology Clinical Research Award, 2012 for “Investigation of etiopathogenesis of nephrolithiasis in patients with ileal pouches”, **Principal Investigator, 2012, US \$ 8,500**
- Research Program Committee Pilot Grant Award, Cleveland Clinic Foundation, Ohio for “Urine studies to assess metabolic complications in patients with ileal pouches”, **Principal Investigator, 2011, US \$ 19,992**
- Indian Council of Medical Research (ICMR) Scholarship Award for “Efficacy of Metadoxine in Alcoholic Fatty Liver Disease – A Randomized Double Blind Controlled Trial”, **Principal Investigator, 2003, INR 5,000 (US \$ 111.1)**

## Publications

### Review articles

1. **Mukewar S**, Carr-Locke D. Advances in Endoscopic Imaging of the Biliary Tree. *Gastrointest Endosc Clin N Am.* 2019 Apr;29(2):187-204.
2. **Mukewar S**, Muthusamy V. Recent Advances in Therapeutic EUS for Cancer Treatment. *Gastrointest Endosc Clin N Am.* 2017 Oct;27(4):657-680.
3. **Mukewar S**, Gostout CJ. The Evolution of "New Notes," Origins, and Future Directions. *Gastrointest Endosc Clin N Am.* 2016 Apr;26(2):229-35
4. **Mukewar S**, Muthusamy V. Future direction in EUS-guided tissue acquisition. *Techniques in Gastrointestinal Endoscopy* (accepted)
5. Singh S, **Mukewar S**. Role of Endoscopy in Portal Hypertension. (under preparation).
6. Chhoda A, **Mukewar SS**, Mahadev S. Managing Gallstone Disease in the Elderly. *Clin Geriatr Med.* 2021 Feb;37(1):43-69

### Original articles

1. **Mukewar S**, Sharma A, Phillip N, Gupta R, Aryal-Khanal A, de Pretis N, Anani V, Enders FT, Larson JJ, Takahashi N, Levy MJ, Topazian M, Pearson RK, Vege SS, Chari ST. Risk of Pancreatic Cancer in Patients with Pancreatic Cysts and Family History of Pancreatic Cancer. *Clin Gastroenterol Hepatol.* 2018 Feb 6
2. **Mukewar S**, Gorospe EC, Knipschild MA, Bingener J, Gostout C. Effects of carbon dioxide insufflation during direct cholangioscopy on biliary pressures and vital

parameters: a pilot study in porcine models. *Gastrointest Endosc.* 2017 Jan;85(1):238-242

3. **Mukewar S**, Kumar N, Catalano M, Thompson C, Abidi W, Harmsen W, Enders F, Gostout C. Safety and efficacy of fistula closure by endoscopic suturing: a multi-center study. *Endoscopy.* 2016 Nov;48(11):1023-1028
4. **Mukewar S**, Gupta A, Baron TH, Gores G, Furutani K, Haddock MG, Hallemeier CL. Endoscopically inserted nasobiliary catheters for high dose-rate brachytherapy as part of neoadjuvant therapy for perihilar cholangiocarcinoma. *Endoscopy* 2015 Oct;47(10):878-83
5. **Mukewar S**, Sharma A, Lackore K, Enders F, Torbenson M, Kamath PS, Roberts LR, Kudva YC. Clinical, Biochemical, and Histopathology Features of Patients with Glycogenic Hepatopathy. *Clin Gastroenterol Hepatol.* 2016 Dec 30
6. **Mukewar S**, de Pretis N, Aryal-Khanal A, Ahmed N, Sah R, Enders F, Larson JJ, Levy MJ, Takahashi N, Topazian M, Pearson R, Vege SS, Chari ST. Fukuoka criteria accurately predict risk for adverse outcomes during follow-up of pancreatic cysts presumed to be intraductal papillary mucinous neoplasms. *Gut.* 2016 Jul 7
7. **Mukewar S**, Sharma A, Rubio-Tapia A, Wu TT, Jabri B, Murray JA. Open-Capsule Budesonide for Refractory Celiac Disease. *Am J Gastroenterol.* 2017 Mar 21
8. **Mukewar S**, Costedio M, Wu X, Bajaj N, Lopez R, Brzezinski A, Shen B. Severe adverse outcomes of endoscopic perforations in patients with and without IBD. *Inflamm Bowel Dis.* 2014 Nov;20(11):2056-66
9. **Mukewar S**, Mukewar S, Ravi R, Prasad A, S Dua K. Colon tuberculosis: endoscopic features and prospective endoscopic follow-up after anti-tuberculosis treatment. *Clin Transl Gastroenterol.* 2012 Oct 11;3:e24
10. **Mukewar S**, Wu X, Lopez R, Shen B. Comparison of long-term outcomes of S and J pouches and continent ileostomies in ulcerative colitis patients with restorative proctocolectomy-experience in subspecialty pouch center. *J Crohns Colitis.* 2014 Oct 1;8(10):1227-36
11. **Mukewar S**, Hall P, Lashner BA, Lopez R, Kiran RP, Shen B. Risk factors for nephrolithiasis in patients with ileal pouches. *J Crohns Colitis.* 2013 Feb;7(1):70-8
12. **Mukewar S**, Mani P, Wu X, Lopez R, Shen B. YouTube and inflammatory bowel disease. *J Crohns Colitis.* 2013 Jun;7(5):392-402
13. **Mukewar S**, Wu X, Lopez R, Kiran RP, Remzi FH, Shen B. Ethnicity and the risk of development of Crohn's disease of the ileal pouch. *J Crohns Colitis.* 2013 Jun;7(5):e178-85
14. Sharma A, **Mukewar S**, Mara K, Dierkhising R, Kamath P, Cummins N. Epidemiologic Factors, Clinical Presentation, Causes, and Outcomes of Liver Abscess: A 35-Year Olmsted County Study. *Mayo Clinic Proceedings: Innovations, Quality & Outcomes.* Volume 2, Issue 1, 2018. Pages 16-25

15. de Pretis N, **Mukewar S**, Aryal-Khanal A, Bi Y, Takahashi N, Chari S. Pancreatic cysts: Diagnostic accuracy and risk of inappropriate resections. *Pancreatology* 2017 Mar - Apr;17(2):267-272
16. Sharma A, **Mukewar S**, Vege SS. Clinical Profile of Pancreatic Cystic Lesions in von Hippel-Lindau Disease. *Pancreas* 2017 Aug;46(7):948-952.
17. Abu Dayyeh B, **Mukewar S**, Vargas Vallis E, Majumder S, Topazian M, Levy M, Petersen B, Gostout C, Baron T, Abu Dayyeh B. Endoscopic necrosectomy using large diameter self-expandable metal stents is superior to necrosectomy with plastic stents. *Gastrointest Endosc.* 2017 May 3.
18. Arora Z, **Mukewar S**, Lopez R, Camino D, Shen B, Hall P. Etiopathogenesis of Nephrolithiasis in Ulcerative Colitis Patients with the Ileal Pouch Anal Anastomosis. *Inflamm Bowel Dis.* 2017 Mar 15
19. Arora Z, **Mukewar S**, Wu X, Shen B. Risk factors and clinical implication of superimposed *Campylobacter jejuni* infection in patients with underlying ulcerative colitis. *Gastroenterol Rep (Oxf)*. 2016 Nov;4(4):287-292
20. Wu XR, **Mukewar S**, Hammel JP, Remzi FH, Shen B. Comparable Pouch Retention Rate Between Pediatric and Adult Patients After Restorative Proctocolectomy and Ileal Pouches. *Clin Gastroenterol Hepatol.* 2014 Aug;12(8):1295-302.
21. Lewis B, **Mukewar S**, Lopez R, Brzezinski A, Hall P, Shen B. Frequency and risk factors of renal insufficiency in inflammatory bowel disease inpatients. *Inflamm Bowel Dis.* 2013 Aug;19(9):1846-51.
22. Wu XR, **Mukewar S**, Kiran RP, Hammel JP, Remzi FH, Shen B. The presence of primary sclerosing cholangitis is protective for ileal pouch from Crohn's disease. *Inflamm Bowel Dis.* 2013 Jun;19(7):1483-9.
23. Wu XR, **Mukewar S**, Kiran RP, Remzi FH, Hammel J, Shen B. Risk factors for peristomal pyoderma gangrenosum complicating inflammatory bowel disease. *J Crohns Colitis.* 2013 Jun;7(5):e171-7.
24. Wu XR, **Mukewar S**, Kiran RP, Remzi FH, Shen B. Endoscopic dilation versus surgical stricturoplasty in the treatment of ileal pouch strictures. *J Gastrointest Surg.* 2013 Aug;17(8):1452-61.
25. Navaneethan U, **Mukewar S**, Venkatesh PG, Lopez R, Shen B. *Clostridium difficile* infection is associated with worse long term outcome in patients with ulcerative colitis. *J Crohns Colitis.* 2012 Apr;6(3):330-6.
26. Sourianarayanan A, **Mukewar S**, Upchurch BR, Bauer TW, Sanaka MR. Double-balloon enteroscopy enabled the diagnosis of duodenal adenocarcinoma in a patient with Roux-en-Y gastric bypass surgery presenting with chronic anemia. *Gastrointest Endosc.* 2011 Apr;73(4): 837-8.

27. Wu XR, Kiran RP, **Mukewar S**, Remzi FH, Shen B. Diagnosis and management of pouch outlet obstruction caused by common anatomical problems after restorative proctocolectomy. *J Crohns Colitis*. 2014 Apr 1;8(4):270-5.
28. Navaneethan U, Venkatesh PG, **Mukewar S**, Lashner BA, Remzi FH, McCullough AJ, Kiran RP, Shen B, Fung JJ. Progressive primary sclerosing cholangitis requiring liver transplantation is associated with reduced need for colectomy in patients with ulcerative colitis. *Clin Gastroenterol Hepatol*. 2012 May;10(5):540-6.
29. Wu XR, Kiran RP, Remzi FH, Katz S, **Mukewar S**, Shen B. Preoperative pelvic radiation increases the risk for ileal pouch failure in patients with colitis-associated colorectal cancer. *J Crohns Colitis*. 2013 Nov 1;7(10):e419-26.
30. Issa D, Irani S, Law R, Shah S, Bhalla S, Mahadev S, Hajifathalian K, **Mukewar S**, Carr-Locke DL, Khashab MA, Sharaiha RZ. Endoscopic Ultrasound-Guided Gallbladder Drainage as a Rescue Therapy for Unresectable Malignant Biliary Obstruction: A Multicenter Experience. *Endoscopy*. 2020
31. Hajifathalian K, Ichkhanian Y, Dawod Q, Meining A, Schmidt A, Glaser N, Vosoughi K, Diehl DL, Grimm IS, James T, Templeton AW, Samarasena JB, Chehade NEH, Lee JG, Chang KJ, Mizrahi M, Barawi M, Irani S, Friedland S, Korc P, Aadam AA, Al-Haddad M, Kowalski TE, Smallfield G, Ginsberg GG, Fukami N, Lajin M, Kumta NA, Tang SJ, Naga Y, Amateau SK, Kasmin F, Goetz M, Seewald S, Kumbhari V, Ngamruengphong S, Mahdev S, **Mukewar S**, Sampath K, Carr-Locke DL, Khashab MA, Sharaiha RZ. Full-thickness resection device (FTRD) for treatment of upper gastrointestinal tract lesions: the first international experience. *Endosc Int Open*. 2020 Oct;8(10):E1291-E1301.

### Case reports

1. Ehrlich D, Naini B, **Mukewar S**. A rare cause of gastric wall thickening. *Gastroenterology* 2017 Oct 5.
2. Ehrlich D, **Mukewar S**, Wang H, Muthusamy VR. Bite-on-bite technique for removal of a gastric subepithelial lipoma. *VideoGIE*. 2019;4(3):108-110.
3. Hajifathalian K, Issa D, Carr-Locke D, **Mukewar S**. Cystic duct remnant syndrome: endoscopic approach to management. *VideoGIE*. 2019;4(12):563-564.
4. Karandikar A, Mukewar S, **Mukewar S**. Laser lithotripsy and removal of calculi from minor pancreatic duct in pancreas divisum. *VideoGIE*. 2020 Oct 13;6(1):30-31.

### Comments

1. Cohen-Mekelburg S, Schwartz RE, Rosenblatt R, Brown RS Jr, Tafesh ZH, Tow C, Russo N, Schneider Y, Gupta V, **Mukewar S**, Shen NT, Novikov A. Hepatology Highlights. *Hepatology*. 2018 May;67(5):1647-1650
2. Niec R, Schwartz RE, Rosenblatt R, Gupta V, Tafesh ZH, Brown RS, Russo N, Cohen-Mekelburg S, **Mukewar S**, Novikov A. Hepatology Highlights. *Hepatology*. 2018 Apr;67(4):1195-1197.

3. Rosenblatt R, Brown RS Jr, **Mukewar S**, Schneider Y, Schwartz RE, Cohen-Mekelburg S, Tow C, Novikov A, Russo N, Tafesh ZH, Gupta V. Hepatology Highlights. Hepatology. 2018 Mar;67(3):817-819.
4. Russo N, Brown RS Jr, Rosenblatt R, Schwartz RE, Shah S, Tow C, Shen NT, **Mukewar S**, Gupta V, Novikov A. Hepatology Highlights. Hepatology. 2018 Feb;67(2):461-463.

#### **Non Peer-Review Publications**

1. **Mukewar S**, Joshi PP. Efficacy of Metadoxine in Alcoholic Fatty Liver Disease – A Randomized Double Blind Controlled Trial. Published in Indian Council of Medical Research annual report, 2003
2. **Saurabh Mukewar**, Suresh Chari. Pancreatic Cystic Neoplasms: The Essentials. AGA New Gastroenterologist Supplement (Winter 2015)

#### **Textbook and Book Chapters**

1. **Pancreas and Biliary Disease: A Point of Care Clinical Guide (Springer)**. Chapter 5. Steroid-Responsive Chronic Pancreatitis: Autoimmune Pancreatitis and Idiopathic Duct Centric Chronic Pancreatitis Nicolò de Pretis, Yan Bi, **Saurabh Mukewar**, Suresh Chari
2. **Saurabh Mukewar**, Suresh T Chari. Chapter: Pancreatic cysts. The Pancreas: An Integrated Textbook of Basic Science, Medicine, and Surgery, third edition.
3. Singh S, **Mukewar S**, Carr-Locke D. Advances in Endoscopic Imaging of Biliary Tree. Gastrointestinal and Pancreatico-Biliary Diseases: Advanced Diagnostic and Therapeutic Endoscopy, 2021.
4. Chhoda A, **Mukewar SS**, Mahadev S. Managing Gallstone Disease in the Elderly. Clin Geriatr Med. 2021 Feb;37(1):43-69.

#### **Published abstracts**

1. **Mukewar, S.**, S. Mukewar and K. S. Dua (2007). "Tuberculosis of the colon: endoscopic features with prospective follow-up after anti-tuberculosis treatment." *Gastrointestinal Endoscopy* 65(5): AB253.
2. **Mukewar, S.**, P. Hall, R. Lopez and B. Shen (2011). Prevalence and Risk Factors for Nephrolithiasis in Ulcerative Colitis Patients with Ileal Pouch Anal Anastomosis-The First Study in the Literature. *American Journal of Gastroenterology* Oct;106(10):S471,AB1244
3. **Mukewar, S.**, P. Mani, R. Lopez and B. Shen (2011). YouTube: A Friend or Foe When You Are Taking Care of IBD Patients? *American Journal of Gastroenterology* Oct;106(10):AB1272
4. **Mukewar, S.**, S. Mukewar, R. Lopez and B. Shen (2011). Disease Course of Ulcerative Colitis is Different Between Asian Indians and Americans. *American Journal of*

5. **Mukewar, S.,** X. Wu, M. Costidio, A. Brzezinski, R. Kiran, R. Lopez and B. Shen (2012). "Colonoscopic Perforation in IBD and non - IBD Patients Bears Similar Severe Adverse Outcomes: P - 99 YI." *Inflammatory Bowel Diseases* 18: S54.
6. **Mukewar, S.,** S. Mukewar, K. Limaye, R. Lopez, X. Wu and B. Shen (2012). "Tu1249 Environmental Factors Impact the Natural History of Ulcerative Colitis (UC): Indian-Americans With UC Have a Higher Risks for Colectomy Than Asian Indian Counterparts." *Gastroenterology* 142(5): S-784.
7. **Mukewar, S.,** X. Wu, P. R. Kiran, F. H. Remzi and B. Shen (2012). "Mo1717 S-Pouch is Associated With a Low Risk of Pouchitis but a High Risk of Surgical Technique-Related Complications in Ulcerative Colitis Patients With Restorative Proctocolectomy." *Gastroenterology* 142(5): S-668.
8. **Mukewar, S.,** X. Wu, R. Lopez, P. R. Kiran, F. H. Remzi and B. Shen (2012). "Mo1468 Ethnicity Defines the Risk of Crohn's Disease of the Ileoanal Pouch." *Gastroenterology* 142(5): S-1071-S-1072.
9. **Mukewar, S.,** J. Markus, X. Wu and B. Shen (2013). "Sa1243 Adverse Outcomes in Patients With Clostridium difficile Enteritis-A Case-Control Study." *Gastroenterology* 144(5): S-240.
10. **Mukewar, S.,** A. Gupta, T. H. Baron, K. M. Furutani and C. L. Hallemeier (2014). "Su1648 Endoscopic Transpapillary Insertion of Nasobiliary Catheters for High Dose Rate (Hdr) Brachytherapy As Part of Neoadjuvant Therapy for Perihilar Cholangiocarcinoma: Mayo Clinic Experience." *Gastrointestinal Endoscopy* 79(5): AB246-AB246.
11. **Mukewar S,** Kumar N, Jirapinyo P, Ghaz H, Thompson C, Gostout C, Abu Dayyeh B. "P1737. Endoscopic Transoral Reduction (TORe) for Treatment of Weight Regain After Roux-en-Y Gastric Bypass (RYGB): A Meta-Analysis. *American Journal of Gastroenterology* Oct;109(S2): S587
12. **Mukewar, S,** Aryal-Khanal A, Takahashi N, Vege SS, Topazian M, Levy M, Chari S. "1035 Risk for Developing Adverse Outcomes in Suspected Intraductal Papillary Mucinous Neoplasms Without High Risk or Worrisome Features." *Gastroenterology* 148(4): S-196.
13. **Mukewar, S,** Aryal-Khanal A, Takahashi N, Vege SS, Topazian M, Levy M, Chari S. "1035 Risk for Developing Adverse Outcomes in Suspected Intraductal Papillary Mucinous Neoplasms Without High Risk or Worrisome Features." *Gastrointestinal Endoscopy*, Vol. 81, Issue 5, AB186.
14. **Mukewar S,** Kumar N, Catalano MF, Thompson CC, Gostout CJ. "Mo1535 Outcomes of Fistula Closure by Endoscopic Suturing: a Multi- Center Study." *Gastrointestinal Endoscopy*, Vol. 81, Issue 5, AB456.
15. **Mukewar S,** Vargas E, Majumder S, Topazian M, Levy MJ, Petersen BT, Gostout CJ,



- Baron TH, Abu Dayyeh B. "707 Endoscopic Necrosectomy Using Large Diameter Self-Expandable Metal Stents Is Superior to Necrosectomy With Plastic Stents." *Gastrointestinal Endoscopy*, Vol. 81, Issue 5, AB161.
16. Wu, X., **S. Mukewar**, P. Kiran, J. Hammel, F. Remzi and B. Shen (2012). The Presence of Primary Sclerosing Cholangitis is Associated with a Lower Risk for Crohn's Disease of the Ileal Pouch. *American Journal of Gastroenterology* Oct;107(10): AB1664
  17. Wu, X., **S. Mukewar**, R. Kiran, F. Remzi and B. Shen (2012). "Pediatric and Adult Patients Had a Similar Pouch Survival Rate after Restorative Proctocolectomy: O - 2." *Inflammatory Bowel Diseases* 18: S2-S3.
  18. Wu, X., **S. Mukewar** and B. Shen (2012). "Mo1722 High Body Mass Index and Asthma are Risk Factors Associated With Peristomal Pyoderma Gangrenosum." *Gastroenterology* 142(5): S-669-S-670.
  19. Navaneethan, U., **S. Mukewar**, P. Venkatesh, R. Lopez and B. Shen (2011). "Clostridium difficile infection is associated with worse long term outcome in patients with ulcerative colitis: O - 4." *Inflammatory Bowel Diseases* 17: S2.
  20. Lewis, B., **S. Mukewar**, R. Lopez, P. Hall and B. Shen (2012). "Tu1254 Prevalence and Risk Factors for Renal Insufficiency in IBD Inpatients." *Gastroenterology* 142(5): S-785-S-786.
  21. Liu, Z., **S. Mukewar**, E. Y. Queener, R. Ni and B. Shen (2012). "Mo1714 Chronic Pouchitis is Associated With an Increased Risk for Pouch Polyp in Patients With Underlying Ulcerative Colitis." *Gastroenterology* 142(5): S-667.
  22. Wu, X., **S. Mukewar**, P. R. Kiran, F. H. Remzi and B. Shen (2013). "Mo1701 Surgical Strictureplasty in the Treatment of Pouch Strictures." *Gastroenterology* 144(5): S-1094.
  23. Arora Z, **Mukewar S**, Haywood C, Wu X, Camino D, Shen B (2014). Etiopathogenesis of Nephrolithiasis in Ulcerative Colitis Patients With the Ileal Pouch anal Anastomosis. *Inflammatory Bowel Diseases* 20: S63.
  24. Al-Bawardy B, **Mukewar S**, Alfred Genco A, Galvao Neto M, Lopez-Nava G, Kumar N, Thompson CC, Wilson E, Gostout CJ, Abu Dayyeh B. "Mo1549 Meta-Analysis of the Orbera Intra-gastric Balloon for the Endoscopic Management of Obesity" *Gastrointestinal Endoscopy*, Vol. 81, Issue 5, AB462.
  25. Navaneethan, U., **S. Mukewar**, P. G. Venkatesh, B. Lashner, F. H. Remzi, P. R. Kiran and B. Shen (2012). "Sa1275 Impact of Crohn's Disease on the Long Term Outcome of Patients With Primary Sclerosing Cholangitis." *Gastroenterology* 142(5): S-260-S-261.
  26. Navaneethan, U., P. G. Venkatesh, **S. Mukewar**, J. Hammel, F. Remzi, R. Kiran and B. Shen (2011). "The impact of severity of primary sclerosing cholangitis and clinical outcome in patients with Ulcerative Colitis: O - 6." *Inflammatory Bowel Diseases* 17: S2-S3.
  27. Navaneethan, U., P. G. Venkatesh, **S. Mukewar**, B. Lashner, F. H. Remzi, P. R. Kiran,

- B. Shen and J. J. Fung (2012). "28 Impact of Ulcerative Colitis on the Long Term Outcome of Patients With Primary Sclerosing Cholangitis." *Gastroenterology* 142(5): S-8.
28. Navaneethan, U., M. Butt, P. Venkatesh, **S. Mukewar**, G. Kochhar and A. Brzezinski (2011). Atypical Presentation of Autoimmune Enteropathy. *American Journal of Gastroenterology* Oct;106(10):AB935
29. Arora Z, Wu X, **Mukewar S**, Shen B. Risk Factors for Campylobacter jejuni Infection and Impact on the Disease Course in Patients With Ulcerative Colitis. *American Journal of Gastroenterology* Oct;109(S2): S506
30. Wu, X., P. R. Kiran, F. H. Remzi, **S. Mukewar** and B. Shen (2012). "730 Pelvic Radiation Increases the Risk of Ileal Pouch Failure in Patients With Colorectal Cancer Complicating Inflammatory Bowel Disease." *Gastroenterology* 142(5): S-1037-S-1038.
31. Wu, X., N. Lan, **S. Mukewar**, P. Kiran, F. Remzi and B. Shen (2012). Autoimmune hepatitis is associated with a high prevalence of gut inflammatory disorders. *American Journal of Gastroenterology* Oct;107(10): AB1668
32. Wu, X., R. Kiran, **S. Mukewar**, F. Remzi and B. Shen (2013). Diagnosis and management of efferent limb syndrome in patients with ileal pouches. *Diseases of the Colon and Rectum* 56 (4): E184.

## Educational Activities

### Curriculum/Course Development and Coordination

- Co-founder, LEAD (Learning and Educating Aspiring Doctors) elective for Internal Medicine Residents, Cleveland Clinic Foundation, Ohio, 2012
  - Designed an elective rotation for second and third year Internal Medicine residents to teach third and fourth year students at Cleveland Clinic Lerner College of Medicine.
- Teaching associate, Cleveland Clinic Lerner College of Medicine, Ohio, 2011-12
  - Involved in formulating and amending curriculum for Pulmonary Medicine for medical students along with Dr. Joseph Parambil, Associate Staff, Pulmonary, Allergy and Critical Care Medicine
- Teaching associate, Cleveland Clinic Lerner College of Medicine, Ohio, Oct. – Dec., 2011
  - Graded multiple concept appraisal questions for first year medical students and provided effective feedback to students.
- Organizer and chair, Dr. B. J. Subhedar Internal Medicine Club, Government Medical College, Nagpur, India - 2005-2006
  - Twice monthly review sessions for medical students from various medical schools in Nagpur, India. Assigned reading, selected review questions, organized speakers and promoted attendance/ participation by fellow medical students.

### Teaching activities

- Teaching assistant, practice based medicine session on "Hemoglobin and transport of oxygen

in blood”, Cleveland Clinic Lerner College of Medicine, Ohio – Nov. 8, 2011

- Teaching assistant, practice based medicine session on “Cardiac cycle, heart sounds and myocardial function review”, Cleveland Clinic Lerner College of Medicine, Ohio - Sep 27, 2011

### **Mentorship**

- Career guide and advisor, medical students at various medical schools in Nagpur, India. Advised medical students with career plans and guided them through various steps for US Medical Licensing Examination (USMLE) and All India entrance examination for post-graduate entrance.
  - Priyanka Pophali, Indira Gandhi Medical College, Nagpur, India – Currently Hematology and Oncology fellow, Mayo Clinic, Rochester
  - Neha Lad, Government College Nagpur, India – Currently a third year General Surgery Resident at Yale University, Connecticut
  - Kaustubh Limaye, NKP Salve Institute of Medical Sciences, Nagpur, India – Currently an Instructor in Medicine, University of Iowa
  - Ayush Sharma, Research fellow, Mayo Clinic, Rochester

### **Visiting Professorship/Lectures**

- Asian Institute of Gastroenterology, Hyderabad – July 2018. Talk on “Cystic lesions of Pancreas”
- Chairperson, Endoscopy and Liver session. Indian Association for the Study of the Liver, Annual Meeting, August 2018.
- Purbanchal Gastrocon – Gastroenterology conference for Chattisgarh and Orissa, Raipur, Chattisgarh. August 2018. Talk on “Liver transplant: the basics”
- Academy of Medical Sciences meeting, Nagpur 2018. Talk on “Outcomes and complications following liver transplant”
- All India Institute of Medical Sciences, New Delhi – August 2018. Talk on “Cystic lesions of Pancreas”
- Association of Minimal Access Surgeons conference (AMASICON), India – November 2019. Talk on “Endoscopic management of surgical complications”
- Academy of Medical Sciences, Nagpur – December 2019. Talk on “New in Midas”
- Asia Pacific Digestive Week, Kolkata, India – December 2019. Talk on “Setting up an efficient endoscopic unit”, Chairperson for “Live endoscopy session”, hands on training on “cholangioscopy”, 2<sup>nd</sup> prize “Boston Scientific Video Contest”, chaired “poster session”, presented abstract on “G-POEM for gastroparesis: Weill Cornell experience”
- GPCON 2020 organized by Midas Medical Foundation – Jan 2020, Nagpur, India. Organizing committee member. Talk on “Endoscopic management of Obesity” and “Cholangioscopy and Pancreatascopy”
- National Cancer Institute, Nagpur, India – February 2020. Talk on “Advanced Endoscopy for Cancer patients”
- Talk on “Latest in Interventional Endoscopy” – February 2020. Chhindwara, MP in association with IMA, Chhindwara and Midas Medical Foundation.
- VAPCION 2020. March 2020. Talk on “What is new in Interventional Endoscopy”
- Webinar on Upper GI bleed (regional) – April 2020 for Associations of Surgeons, Nagpur. Attended by 100 people.
- Webinar on upper GI bleed (national) – May 2020. Organized by Midas Medical Foundation in Association with Torrent Pharmaceuticals. Attended by 1800 attendees pan India.
- Part of panel discussion on “Role of Vasoconstrictors in Liver Cirrhosis” by Cipla

- Pharmaceuticals with multiple national faculties led by Dr. Rakhi Maiwal, ILBS New Delhi. May 2020.
- Webinar on “Cholangioscopy: Interesting Cases” organized by Boston Scientific Asia Pacific. Attended by >100 attendees across the world. May 2020.
  - Webinar on “Interventional EUS: Emerging Applications with Interesting Cases” organized by Boston Scientific Asia Pacific. Attended by >100 attendees across the world. June 2020.
  - Webinar on “Interventions in Acute Pancreatitis” in the Associations of Surgeons, Nagpur. June 2020.
  - Presented case on “Large WOPN managed successfully endoscopically” in 94<sup>th</sup> Midas Clinical Meeting organized by Midas Medical Foundation. June 2020.
  - Webinar on “Diabetes and Gastrointestinal Diseases” organized by Torrent Pharmaceuticals. Attended by >100 attendees regionally. August 2020.
  - Webinar by Society of Gastrointestinal Endoscopy of India Mid-Term meeting. Panel discussion on pancreatic cysts with talk by Dr. Bronte Holt. August 2020. Attended by >1,000 delegates.
  - Presented case on “Diagnostic EUS in Ampullary Adenoma complicated with perforation managed endoscopically with Over The Scope Clip” in 94<sup>th</sup> Midas Clinical Meeting organized by Midas Medical Foundation. June 2020.
  - Webinar of “Albumin in Decompensated Liver Cirrhosis” organized by Takeda Pharmaceuticals. Sep 2020.
  - Webinar (IAMICON) organized by Cadilla Pharmaceuticals. Panel discussion on “Probiotics in Gastroenterology” with talk by Eamonn Quigley. Attended by >4,000 attendees.
  - Webinar by Midas Medical Foundation and NATCO Pharmaceuticals. Presented on “Endoscopic Management of Obesity and NASH”. Attended by 88 attendees.
  - Webinar – Presented an interesting case of EUS guided GB drainage after failed EUS guided choledochoduodenostomy and ERCP for malignant biliary obstruction at India EUS Summit 2021.
  - Webinar – Moderated session on Endotherapy for GERD and Barrett’s updates. Jan 2021.
  - Webinar – “Landmark papers in GI Endoscopy and Surgery” by Midas Medical Foundation, ASN and DDS-Nagpur. Jan 2021.
  - Webinar – Moderated session on “ERCP” by Dr. David Carr-Locke, May 2021.
  - Webinar – Moderated session on “Hepatitis B” by Dr. Robert Brown, May 2021
  - Webinar – Talk on “Refractory Esophageal Stricture” for Digestive Disease Society, Nagpur, May 2021