

Dr. RAKESH KALAPALA

MD, DNB (Gastroenterology), FASGE, FJGES, FSGEI

Senior Consultant Gastroenterologist & Director (Endoscopy),

Centre for Obesity and Metabolic Therapy

AIG Hospitals, Mindspace Road, Gachibowli,

Hyderabad, Telangana, India – 500032.

E-mail: drakesh.kalapala@aighospitals.com



SUMMARY

A Medical Gastroenterologist committed to pursuing ideal clinical practices utilizing advanced technological, scientific and research developments for alleviating the symptoms, enhancing the quality of life and ensuring overall well-being of patients.

CLINICAL EXPERTISE

- UGI Endoscopy
- Colonoscopy
- Endoscopic Retrograde Cholangiopancreatography (ERCP)
- Endoscopic Ultrasound (EUS)
- Bariatric Endoscopy

AREAS OF THERAPEUTIC INTEREST

- Obesity and Metabolic Syndrome
- Non-Alcoholic Fatty Liver Disease
- Gastro-Intestinal Motility Disorders
- Endotherapy in GERD

ENDOBARIATRIC PROCEDURES IN FOCUS

- Intra Gastric Balloons
- Endoscopic Sleeve Gastropasty
- Duodenal-Jejunal Bypass Liners
- Endoluminal Vertical Gastropasty

EDUCATION

- Bachelor of Medicine & Bachelor of Surgery (MBBS),
- Doctor of Medicine (MD) Internal Medicine
- Diplomate of National Board (DNB) in Gastroenterology

WORK EXPERIENCE

- Consultant Gastroenterologist, Asian Institute of Gastroenterology, Hyderabad, India (*15 years*)
- Senior Consultant Gastroenterologist and Director (Endoscopy), Centre for Obesity and Metabolic Therapy, AIG Hospitals, Gachibowli, Hyderabad, India (*4 years*).

CORE ACCOMPLISHMENTS

- Young Investigator award for oral presentation on “Multichannel Intraluminal Impedance in NERD patients” at Asian Neurogastroenterology & Motility Association (ANMA), 2011.
- B. J. Vakil award for the best fellow in Clinical Research from Asian Institute of Gastroenterology for the year 2008.
- Director (Endoscopy), Centre for Obesity and Metabolic Therapy, AIG Hospitals - Since 2018.

CLINICAL RESEARCH

- Principal Investigator for a Pilot Clinical study to evaluate the safety and performance of a medical device for reduction in Weight and Type 2 Diabetes.
- Co-Investigator for a Pilot clinical study to evaluate the safety and efficacy of a Duodenal Bypass Liner device in the treatment of Obesity and Type 2 Diabetes.
- Principle Investigator for a Post market study to evaluate the performance of Intra Gastric Balloons in the treatment of Non-Alcoholic SteatoHepatitis.
- Principal Investigator for a randomized, multi-center clinical study to evaluate the safety and performance of an Endoscopic Gastroplasty technique in the reduction of Non-Alcoholic SteatoHepatitis (NASH).
- Principal Investigator for a Randomized Controlled Trial using GERD-X device for PPI dependant GERD patients

FELLOWSHIPS & AFFILIATIONS

- Fellow of the American Society for Gastrointestinal Endoscopy (FASGE)
- Fellow of the Japanese Gastrointestinal Endoscopic Society (FJGES)
- Fellow of the Society of Gastrointestinal Endoscopy of India (FSGEI)
- Member, IFSO Bariatric & Metabolic Endoscopy Committee
- Association for Bariatric Endoscopy (A Division of ASGE)
- Asian Neurogastroenterology and Motility Association
- Go Asia Obesity Working Group
- Indian Society of Gastroenterology (ISG)
- International Journal of Medical Sciences (Editorial Board member)

PUBLICATIONS

1. **Rakesh Kalapala**, Neeraj Singla, Duvvur Nageshwar Reddy. Endoscopic management of gastroesophageal reflux disease: Panacea for proton pump inhibitors dependent/refractory patients *Dig Endosc.* 2022;34(4):687-699. doi:10.1111/den.14169
2. Zaheer Nabi, Sundeep Lakhtakia, Radhika Chavan, Shujaath Asif, Jahangeer Basha, Rajesh Gupta, Raghavendra Yarlagaadda, Palle Manohar Reddy, **Rakesh Kalapala**, D. Nageshwar Reddy, Diagnostic utility of EUS-guided tissue acquisition in children: A tertiary care center experience, *Endosc Ultrasound.* 2021 Jul-Aug; 10(4): 288–293

3. Mohan Ramchandani, Hardik Rughwani, Harsh Vardhan Tevethia, Sundeep Lakhtakia, **Rakesh Kalapala**, Aniruddha Pratap Singh, Pradev Inavolu, Shujaath Asif, Azimudin Haja, Nitin Jagtap, Zaheer Nabi, Deepika Gujjarlupudi, Y. V. Sadhana, Pragathi Kottapalli, Naveen Chander Reddy, Anuradha Sekaran, Santosh Darishetty, D. Nageshwar Reddy; To assess the efficacy of safety measures adopted during endoscopy in the Corona Virus Disease-19 era for health care professionals—A single-centre tertiary care hospital experience, *Indian J Gastroenterol*. 2021 Aug 3 : 1–10.
4. Arun Karyampudi, Zaheer Nabi, Mohan Ramchandani, Santosh Darisetty, Rajesh Goud, Radhika Chavan, **Rakesh Kalapala**, Guduru Venkat Rao, Duvvur Nageshwar Reddy; Gastroesophageal reflux after per-oral endoscopic myotomy is frequently asymptomatic, but leads to more severe esophagitis: A case-control study; *United European Gastroenterol J*. 2021 Feb; 9(1): 63–71.
5. Jahangeer Basha, Sundeep Lakhtakia, Zaheer Nabi, Partha Pal, Radhika Chavan, Rupjyoti Talukdar, Mohan Ramchandani, Rajesh Gupta, **Rakesh Kalapala**, G Venkat Rao, D Nageshwar Reddy, Impact of disconnected pancreatic duct on recurrence of fluid collections and new-onset diabetes: do we finally have an answer?, *Gut*. 2021 Mar; 70(3): 447–449.
6. Siddhartha Reddy, Nitin Jagtap, **Rakesh Kalapala**, Mohan Ramchandani, Sundeep Lakhtakia, Jahangeer Basha, Zaheer Nabi, Arun Karyampudi, Radhika Chavan, Manu Tandan, Rajesh Gupta, D. Nageshwar Reddy, Choledocholithiasis in acute calculous cholecystitis: guidelines and beyond, *Ann Gastroenterol*. 2021; 34(2): 247–252.
7. Ali Siddiqui, Mariam Naveed, Jahangeer Basha, Sundeep Lakhtakia, Jose Nieto, Janak Shah, Kenneth Binmoeller, Megan Murphy, Rupjyoti Talukdar, Mohan K. Ramchandani, Zaheer Nabi, Rajesh Gupta, Thomas E. Kowalski, David E. Loren, Reem Z. Sharaiha, Michel Kahaleh, Patrick Ten Eyck, Arish Noor, Tayebah Mumtaz, **Rakesh Kalapala**, Nageshwar D. Reddy, Douglas G. Adler, International, multicenter retrospective trial comparing the efficacy and safety of bi-flanged versus lumen-apposing metal stents for endoscopic drainage of walled-off pancreatic necrosis, *Ann Gastroenterol*. 2021; 34(2): 273–281
8. Siddhartha Reddy, Nitin Jagtap, **Rakesh Kalapala**, Mohan Ramchandani, Sundeep Lakhtakia, Jahangeer Basha, Zaheer Nabi, Arun Karyampudi, Radhika Chavan, Manu Tandan, Rajesh Gupta, D. Nageshwar Reddy; "Choledocholithiasis in Acute Calculus Cholecystitis – Guidelines and Beyond; *Journal of Annals of Gastroenterology* 2020
9. Nitin Jagtap, **Rakesh Kalapala**, Haranath Kanakagiri, Santosh Darisetty, D. Nageshwar Reddy; Conscious Sedation for endoscopic sleeve gastropasty. *Journal of Surgical Endoscopy* 2020.
10. Jahangeer Basha, Sundeep Lakhtakia, Zaheer Nabi, Partha Pal, Radhika Chavan, Rupjyoti Talukdar, Mohan Ramchandani, Rajesh Gupta, **Rakesh Kalapala**, G Venkat Rao, D. Nageshwar Reddy; The impact of disconnected pancreatic duct on recurrence of fluid collections and new onset diabetes: Do we finally have an answer? *Journal of GUT* 2020
11. Rupjyoti Talukdar, Ayesha Kamal, Venkata S. Akshintala, Rajesh Goud, Sundeep Lakhtakia, Mohan K. Ramchandani, Manu Tandan, G. V. Rao, Zaheer Nabi, Rajesh Gupta, **Rakesh Kalapala**, Jahangeer Basha, Manohar Reddy, Vijay K. Rai, Mahesh K Goenka, Saroj Sinha, Rakesh Kochhar, B. Joseph Elmunzer, Mouen A. Khashab, Anthony N. Kalloo, Vikesh K. Singh, D. Nageshwar Reddy; Fluid type and volume reduce risk of post-ERCP pancreatitis and length of hospital stay in high-risk patients: a secondary analysis of the INDIEH trial *Endosc Int Open*. 2020 Jul; 8(7): E834–E839.

12. Nitin Jagtap, **Rakesh Kalapala**, D Nageshwar Reddy; Assessment of Pyloric Sphincter Physiology Using Functional Luminal Imaging Probe in Healthy Volunteers *J Neurogastroenterol Motil.* 2020 Jul 1; 26(3): 391–396.
13. Nitin Jagtap, **Rakesh Kalapala**, G. Venkat Rao, D. Nageshwar Reddy;” Endoscopic suturing for refractory bilious reflux after gastroduodenostomy and gastrojejunostomy” *Endoscopy* 2020; 52: E185–E186.
14. **Rakesh Kalapala**, Arun Karyampudi, Zaheer Nabi, Santosh Darisetty, Nitin Jagtap, Mohan Ramchandani, Rajesh Gupta, Sundeep Lakhtakia, Rajesh Goud, GV Rao, Prateek Sharma, Nageshwar Reddy, "Endoscopic Full Thickness Plication for the Treatment of PPI Dependent Gastroesophageal Reflux Disease: Results from a Randomized, Sham Controlled Trial" *Journal of GUT* 2020.
15. Nitin Jagtap, Zaheer Nabi, ManuTandan, Mohan Ramchandani, Mithun Sharma, Sundeep Lakhtakia, P.N.Rao, Rajesh Gupta, **Rakesh Kalapala**, Jahangeer Basha, Santosh Darishetty, G.V.Rao, D.N.Reddy; Is It Safe to Perform Endoscopic Retrograde Cholangiopancreatography in Decompensated Cirrhosis?, *Journal of Clinical and Experimental Hepatology Volume 9, Issue 5, September–October 2019, Pages 554-560.*
16. Zaheer Nabi, Mohan Ramchandani, Radhika Chavan, Upender Shava , Santosh Darisetty, **Rakesh Kalapala** , Manu Tandan, Rama Kotla , D.Nageshwar Reddy ; Outcome of per oral endoscopic myotomy in children with achalasia; *Journal of Surgical endoscopy* 2019
17. Zaheer Nabi, Mohan Ramchandani, Radhika Chavan, **Rakesh Kalapala**, Santosh Darisetty, D. Nageshwar Reddy; Outcome of peroral endoscopic myotomy in Achalasia cardia: Experience with a new triangular knife; *Saudi Journal of Gastroenterology February 2018, Vol 24, Issue 1` pages 18 – 24.*
18. Radhika Chavan, Zaheer Nabi, Anuradha Sekharan, **Rakesh Kalapala**, D. Nageshwar Reddy; Giant Ileal Polyp causing Ileocolic intussusceptions; *Archives of Case reports in Clinical Medicine* 2017, 3(2) 138.
19. Zaheer Nabi, Mohan Ramchandani, Radhika Chavan, **Rakesh Kalapala**, Manu Tandan, Santosh D, Sundeep Lakhtakia, GV Rao, D. Nageshwar Reddy;"Per-oral endoscopic myotomy in treatment naive achalasia patients versus prior treatment failure cases" *Journal of Endoscopy* 2017;50:358-370.
20. Nabi, Zaheer; Lakhtakia, Sundeep; Basha, Jahangeer; Chavan, Radhika; Ramchandani, Mohan; Gupta, Rajesh; **Kalapala, Rakesh**; Darisetty, Santosh; Talukdar, Rupjyoti; Reddy, D Nageshwar ; Endoscopic Ultrasound Guided Drainage of Walled Off Necrosis in Children With Fully Covered Self-Expanding Metal Stents; *Journal of Pancreatology: 2017 Vol 64; April 2017 592 - 597.*
21. Zaheer Nabi, Mohan Ramchandani, Radhika Chavan, Manu Tandan, **Rakesh Kalapala**, Santosh Darisetty, D. Nageshwar Reddy; Per Oral Endoscopy Myotomy in Children – First Experience with a new Triangular Knife; *Journal of Pediatric Gastroenterology and Nutrition* 2017
22. Nabi, Zaheer; Lakhtakia, Sundeep; Basha, Jahangeer; Chavan, Radhika; Ramchandani, Mohan; Gupta, Rajesh; Partha; **Kalapala, Rakesh**; Darisetty, Santosh; GV Rao; Reddy, D. Nageshwar ; Endoscopic Drainage of Pancreatic Fluid collections – Long term outcomes in children; *Journal of Digestive Endoscopy: 2017*

23. Zaheer Nabi, Ramchandani M, Chavan R, , **Kalpala R**, Rao GV; Nageshwar Reddy D, Per- oral endoscopic myotomy for achalasia cardia outcomes in over 400 consecutive patients with immediate Follow up; *Journal of Endoscopy International open* 2017 05 E331-339.
24. **Rakesh Kalapala**; Harshal Shah; Zaheer Nabi; Santosh Darisetty; Rupjyothi Talukdar; D Nageshwar Reddy; "Treatment of Gastro-Esophageal Reflux Disease using Radiofrequency Ablation (Stretta Procedure): An interim analysis of a randomized trial" *Indian Journal of Gastroenterology* 2017
25. Nabi, Zaheer; Lakhtakia, Sundeep; Basha, Jahangeer; Chavan, Radhika; Ramchandani, Mohan; Gupta, Rajesh; **Kalapala, Rakesh**; Darisetty, Santosh; Talukdar, Rupjyoti; Reddy, D Nageshwar ; Endoscopic Ultrasound Guided Drainage of Walled Off Necrosis in Children With Fully Covered Self-Expanding Metal Stents; *Journal of Pediatric Gastroenterology & Nutrition*: 2017
26. Nitin Jagtap, Manu Tandan, Mithun Sharma, Rajesh Gupta, Sundeep Lakhtakia, Mohan Ramchandani, **Rakesh Kalapala**, GV Rao, DN Reddy: Safety and efficacy of ERCP in patients with cirrhosis; Endoscopy: ERCP other, *Endo 2017, World Congress of GI Endoscopy*.
27. Sundeep Lakhtakia, Jahangeer Basha, Partha Pal, Rajesh Gupta, Mohan Ramchandani, **Rakesh Kalapala**, BVN Kumar, Zaneer Nabi, Rao V Guduru, Manu Tandan, Nageshwar Reddy D; Difficulty in delayed stent removal after endoscopic ultrasound guided drainage of walled off necrosis with bi-flanged metal stent; Endoscopy – EUS Interventional pancreas; *Endo 2017, World Congress of GI Endoscopy*
28. Sundeep Lakhtakia, Jahangeer Basha, Rupjyoti Talukdar, Rajesh Gupta, Zaheer Nabi, Mohan Ramchandani, BVN Kumar, Partha Pal, **Rakesh Kalpala**, Palle Manohar Reddy, Rebala Pradeep, Jagadeesh Singh, GV Rao, DN Reddy; Endoscopic "step-up approach" using dedicated bi-flanged metal stent reduces the need for direct necrosectomy in WON, *Journal of Gastrointestinal Endoscopy* 2016.
29. Santosh Darisetty, M.D.; Rama Kotla, D.A.; Mohan Ramchandani, M.D.,D.M.; Zaheer Nabi, M.D.,D.N.B.; Manu Tandan, M.D.,D.M; Rajesh Gupta, M.D.,D.M.; **Rakesh Kalpala**, M.D.,D.N.B.; Nageshwar Reddy Duvvur; "Anesthesia in Per oral endoscopic myotomy(POEM); a large tertiary care center experience; *Journal of Gastroenterology* 2016
30. Sundeep Lakhtakia, DM, Mohan Ramchandani, DM, Domenico Galasso, MD,Rajesh Gupta, DM, Sushma Venugopal, MD, **Rakesh Kalpala**, DNB, D. Nageshwar Reddy, DM; EUS-guided radiofrequency ablation for management of pancreatic insulinoma by using a novel needle electrode (with videos); *GASTROINTESTINAL ENDOSCOPY*; Volume 83, No. 1 : 2016.
31. Ramchandani M, Nageshwar Reddy D, Darisetty S, Kotla R, Chavan R, **Kalpala R**, Galasso D, Lakhtakia S, Rao GV; Peroral endoscopic myotomy for achalasia cardia: Treatment analysis and follow up of over 200 consecutive patients at a single center; *Dig Endosc.* 2016 Jan;28(1):19-26.
32. Jaya Agarwal, Sundeep Lakhtakia, Rajesh Gupta, Mohan Ramchandani, **Rakesh K**, D. Nageshwar Reddy; EUS guided transesophageal drainage of peripancreatic fluid collections in children; *Gastrointestinal Endoscopy* 2015
33. Mohanramchandani, Nageshwar Reddy, D. Santosh, Ramaupendra, **Rakesh K**, Domenico Galasso, Radhika Chavan, Sandeep Lakhtakia, Venkat Rao; Peroral endoscopic myotomy for Achalasia

cardia: A single center experience of over 200 consecutive patients: Treatment analysis and follow up: *Digestive endoscopy* 2015

34. Domenico Galasso, Sandeep Lakhtakia, Mohanramchandani, Rajesh Gupta, **Rakesh K**, Nageshwar Reddy, Umesh Basavaraju, Manu Tandan, Todd Baron, tinmoewai; Placement of a large Bore fully covered self expandable metal stent for management of walled off pancreatic necrosis: outcome stratified according to the amount of debris; *Surgical endoscopy* 2015
35. Banerjee R, Pratap N, **Kalpala R**, Reddy DN: Effect of electrical stimulation of the lower esophageal sphincter using endoscopically implanted temporary stimulation leads in patients with reflux disease: *Surg Endosc*, 2014 Mar;28(3): 1003-9
36. Tandan M, Reddy DN, Talukdar R, Vinod K, Santosh D, Lakhtakia S, Gupta R, Ramchandani MJ, Banerjee R, **Rakesh K**, Varadaraj G, Rao GV. Long-term clinical outcomes of extracorporeal shockwave lithotripsy in painful chronic calcific pancreatitis: *Gastrointest Endosc*. 2013 Nov;78(5):726-33.
37. Manu Tandan, Duvvur Nageshwar Reddy, Rupjyoti Talukdar, Koppuju Vinod, Darisetty Santosh, Sundeep Lakhtakia, Rajesh Gupta, Mohan J Ramchandani, Rupa Banerjee, **Kalapala Rakesh**, Gokak Varadaraj, Guduru Venkat Rao; Long-term clinical outcomes of extracorporeal shockwave lithotripsy in painful chronic calcific pancreatitis: *Gastrointestinal endoscopy*: 2013 Nov;78(5):726-33
38. Eric Wee, Sandeep Lakhtakia, Rajesh Gupta, Sekaran Anuradha, Mahesh Shetty, **Rakesh Kalapala**, Amitabh Monga, Arjunan Saravanan, Pradeep Rebala, Mohan Ramchandani, Guduru Venkat Rao, Duvvuru Nageshwar Reddy : The diagnostic accuracy and strength of agreement between endoscopic ultrasound and histopathology in the staging of ampullary tumors: *Indian J Gastroenterol* DOI 10.1007/s112664-012-0248-3
39. Chaudhari H, **Kalapala R**, Reddy DN: “Familial pain abdomen syndrome” – a rare entity: *Clin Gastroenterol Hepatol*. 2012 Jul 24
40. **Rakesh Kalapala**, Sundeep Lakhtakia, D Nageshwar Reddy: Endoscopic Ultrasonography-Guided Core Biopsy Diagnosis of Giant Adrenal Myelolipoma: *Clinical Gastroenterology and Hepatology* 2012.
41. Sandeep Lakhtakia, Amitabh Monga, Rajesh Gupta, **Rakesh Kalapala**, Nitesh Pratap, Eric Wee, Saravanan Arjunan, D Nageshwar Reddy : Achalasia cardia with esophageal varix managed with endoscopic ultrasound-guided botulinum toxin injection: *Indian J Gastroenterol* 2011 Dec;30(6) 277-9.
42. Nitesh Pratap, **Rakesh Kalapala**, Santosh Darisetty, Nitin Joshi, Mohan Ramchandani, Rupa Banerjee, Sandeep Lakhtakia, Rajesh Gupta, Manu Tandan, G V Rao, D Nageshwar Reddy: Achalasia Cardia Subtyping by High-Resolution Manometry Predicts the Therapeutic Outcome of Pneumatic Balloon Dilatation: *J Neurogastroenterol Motil*, Vol. 17 No. 1 January, 2011; 47-53
43. Banerjee R, Reddy DN, Guda NM, **Kalpala R**, Mahurkar S, Darisetty S, Rao GV. Oral buffered esomeprazole is superior to i.v. pantoprazole for rapid rise of intragastric pH: a wireless pH metry analysis. *J Gastroenterol Hepatol*. 2010 Jan;25(1):43-7.

44. **Rakesh Kalapala**, Lingareddy Sunitha, Reddy D Nageshwar, Guduru V Rao, Sandeep Lakhtakia, Manu Tandan, Vijay B Nori: Virtual MR Pancreatography in the Evaluation of the Pancreatic Duct in Chronic Pancreatitis: *Journal of Pancreas*, 2008: Vol.9, No.2, 220-225.
45. **K Rakesh**, R Banerjee, R Gupta, C Ramji, R Pradeep, G V Rao, D N Reddy: Eosinophilic pancreatitis with pseudocyst. *Indian J Gastroenterol* 2007;26:136- 137
46. Rupa Banerjee , Shekaran A, Ramji C, Puli SR, **Kalapala R**, Ramachandani M, Gupta R, Lakhtakia S, Tandan M, Rao GV, D Nageshwar Reddy, Role of magnification endoscopy in the diagnosis and evaluation of coelilac disease: A correlation with histopathology: *Indian J of Gastroenterology* 2007 Mar-Apr, 26(2):67-69
47. **Rakesh K**, Ong W C, D N Reddy Agencies of the dorsal pancreas (ADP) and pancreatitis-is there an association, *Indian J GAstroenterol*. 2006 Jan- Feb;25(1):35-36.
48. S Lakhtakia, **R Kalapala**, Manu Tandon, S Darisetty, G V Rao, D N Reddy, Mirrizzi's syndrome : EUS appearance, *G I Endoscopy*, 2005.
49. Sunitha Lingareddy, Nageshwar Reddy Duvvuru, Venkat Rao Guduru, Sandeep Lakhtakia, **Rakesh Kalapala**, Dorsal agenesis of pancreas : CT and ERCP: *Gastrointest Endos* 2004 60(3): 472-75.
50. R Banerjee, A Maseeh, S Lakhtakia, P Reddy, **R Kalapala**, Tandan, S Darisetty, G V Rao, D N Reddy. Mon-G-204 IV Rabeprazole for symptom relief in patients refractory to standard PPI therapy. *Gut* 2004 Vol 53.
51. S Lakhtakia, **R Kalapala**, Manu Tandon, S Darisetty, G V Rao, D N Reddy, Ectopic pancreas : EUS features. *Endoscopy*, 2004.