

Curriculum Vitae
Raymond E. Kim, MD
Associate Professor of Medicine
Division of Gastroenterology and Hepatology
University of Maryland School of Medicine

Date August 29th, 2024

Contact Information

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Foreign Languages: Korean (fluent)

Education

1998- 2005 M.D. (Doctor of Medicine), School of Medicine, Ajou University, South Korea

Post Graduate Education and Training

2008 - 2011 Residency, Department of Internal Medicine, University of Kansas Medical Center, KS, USA
2011 - 2014 Fellowship, Gastroenterology and Liver Disease, George Washington University, Washington, DC., USA
2014 - 2015 Advanced Endoscopy Fellowship, Division of Gastroenterology and Hepatology, University of Maryland Medical Center, Baltimore, MD, USA

Certifications

2011 Diplomate, ABIM, Internal Medicine
2014 Diplomate, ABIM, Gastroenterology

Medical Licensures

2005 Korea Medical Licensure
2014 Active, Maryland

Employment History

Academic Appointments

- 2014-2015 Visiting Instructor, Division of Gastroenterology and Hepatology, University of Maryland School of Medicine
- 2015-2021 Assistant Professor of Medicine, Division of Gastroenterology and Hepatology, University of Maryland School of Medicine
- 2021-present Associate Professor of Medicine, Division of Gastroenterology and Hepatology, University of Maryland School of Medicine

Other Employment

- 2005-2008 Chon-an Public Health Center, Primary Care Physician
- 2014-present University of Maryland Medical Center, Attending Physician
- 2016-present Chief of Gastroenterology, UMMC-Midtown Campus

Professional Society Membership

- 2015-present Member, American Society for Gastrointestinal Endoscopy (ASGE)
- 2015-present Member, American Gastroenterology Association (AGA)

Honors And Awards

- 2019 Faculty Teacher of the Year Award, University of Maryland School of Medicine, Division of Gastroenterology and Hepatology
- 2023 Faculty Teacher of the Year Award, University of Maryland School of Medicine, Division of Gastroenterology and Hepatology

Clinical Activities

Clinical Expertise

Board-certified Gastroenterologist
Certified in Advanced Endoscopy
Clinical and research focus are in the area of Advanced Endoscopy and Endoscopic Surgery
Perform Endoscopic surgery including Per Oral Endoscopic Myotomy (POEM) and Endoscopic Submucosal Dissection (ESD).
One of a few endoscopists performing POEM and ESD in the Washington DC, Northern Virginia and Maryland region.

Scope of Clinical Practice:

- 2015-present Clinical practice is based at UMMC, UMMC-MTC and BVAMC
MTC Surgery Specialty Clinic

~300 patients per year
~1000 procedures per year at UMMC, UMMC-MTC and BVAMC.
Leadership/administrative role : 35% FTE

Development of Clinical Programs:

Started Endoscopic Surgery program at UMMC in 2017.

>200 Per Oral Endoscopic Myotomy (POEM) procedures performed, including Esophageal, Zenker and Gastric POEM.

>200 Endoscopic Submucosal Dissection (ESD) procedures for GI mucosal/submucosal cancer
Extended referral base to Northern Virginia, DC, West Virginia and Delaware

Administrative Service

Institutional Service

2015-Present Division of Gastroenterology and Hepatology Compliance Officer, UMMC
2016-Present UMMC DOM Compliance Committee
2015-2016 Director of Endoscopy, University of Maryland Midtown Campus
2016-Present Head, Division of Gastroenterology and Hepatology, University of Maryland Midtown Campus
2017-2022 SOM council alternate member
2022-Present SOM council member
2019-Present Senator, UMB Faculty Senate

National Service

2018-Present *Ad Hoc* Reviewer, *Gastrointestinal Endoscopy* # one review per year
2020-Present *Ad Hoc* Reviewer, *Expert Review of Gastroenterology & Hepatology* # two reviews per year
2020-Present *Ad Hoc* Reviewer, *Digestive Diseases and Sciences* # one review per year
2023-Present *AMA CPT Editorial panel meeting* AGA advisor candidate
2023-Present *AMA/Specialty Society RVS Update Committee meetings* AGA advisor candidate
2023-Present *Associate Editorial Board Member – Current Surgical Endoscopy*
2023-Present *Current Surgical Endoscopy – Associate Editorial Board Member*

International Service

2023-Present *Korean College of Helicobacter and Upper Gastrointestinal Research – International editorial board*

Teaching

Medical Student Teaching

University of Maryland School of Medicine

- 2015-Present Small Group Discussion Leader, Pathophysiology and Therapeutics
Clinical Lectures, 2nd year medical students, twenty students per class
4 contacts hours/year
- 2015-Present Small Group Discussion Leader, Functional Systems,
3rd year medical students, twenty students per class
4 contacts hours/year
- 2020-Present Attending Physician Outpatient Gastroenterology Clinic, 3rd or 4th year medical
Students – one student per clinic
40 contacts hours/year

Resident and Fellow Teaching

University of Maryland Medical Center

- 2015-present Attending Physician Outpatient Gastroenterology Clinic, 1-6 GI fellows – 5 hours
a day, 1 day/week, 24 weeks per year
- 2015-present Attending Physician Inpatient Gastroenterology Service, 1-2 GI fellows, 1-2 IM
Residents, 8 hours/day, 5days/weeks, 12 weeks per year
- 2015-present Attending Physician ERCP consult service, GI fellows – 1-2 GI fellows, 1-2 IM
residents – 8 hours/day, 5days/weeks, 12 weeks per year

University of Maryland Medical Center, Midtown Campus

- 2016-present MTC IM Resident GI system Lectures, 1st, 2nd and 3rd year residents - 4 contact
hours/year
- 2019-present UMMC/MTC ‘Ask the Expert’, GI fellows - 1 contact hour/year

Post-Graduate Mentoring (6 hours/week)

Clinical Fellows

- 2015-2016 Woo jung Lee, MD – Career planning, clinical mentor
- 2017-present Sam Schueler, MD – Career planning, clinical mentor
- 2017-present John Morris, MD – Career planning, clinical mentor
- 2017-present Daniel Hwang, MD – Career planning, clinical mentor
- 2018-2019 Nelson Chuang, MD – Career planning, research mentor
- 2019-2020 Amol Agarwal, MD – Career planning, clinical menter, research mentor
- 2018-2020 Fariha Ramay, MD – Career planning, clinical mentor, research mentor
- 2018-2020 Alan Chen, MD – Career planning, clinical mentor, research mentor
- 2018-2020 Jonah Rubin, MD – Career planning, clinical mentor, research mentor
- 2018-present Jennifer Wellington, MD – Career planning, clinical mentor, research mentor
- 2019-present Scott Liu, MD – Career planning, clinical mentor, research mentor
- 2019-present Emmanuel (Manny) Ofori, MD – Career planning, clinical mentor, research
mentor
- 2020-present Andrew Canakis, DO - Career planning, clinical mentor, research mentor

Medical Residents

- 2017-present Osman Ali, MD – Career planning, clinical mentor, research mentor
 2018-present Grace Kim, MD – Career planning, research mentor
 2018-present Wilson Lee, MD – Career planning, research mentor
 2018-present Andrew Canakis, MD – Career planning, research mentor
 2019-present Patric Ching, MD – Career planning, research mentor

PublicationsManuscripts in peer-reviewed journals (in chronologic order):

1. Observer agreement in the assessment of narrowband imaging system surface patterns in Barrett's esophagus: a multicenter study. Singh M, Bansal A, Curvers WL, Kara MA, Wani SB, Alvarez Herrero L, Lynch CR, van Kouwen MC, Peters FT, Keighley JD, Rastogi A, Pondugula K, **Kim RE**, Singh V, Gaddam S, Bergman JJ, Sharma P. *Endoscopy*. 2011 Sep;43(9):745-51. doi: 10.1055/s-0030-1256631. Epub 2011 Aug 10.
2. Balloon dilation with corticosteroid injections a durable endoscopic option for Crohn's-related pyloric stenosis. Frist M, Jensen Scott, Kim RE, Borum M. *Inflammatory Bowel Diseases*, Volume 17, December 2011. doi.org/10.1097/00054725-201112002-00169
3. Clinical utility and interobserver agreement of autofluorescence imaging and magnification narrow-band imaging for the evaluation of Barrett's esophagus: a prospective tandem study. Giacchino M, Bansal A, **Kim RE**, Singh V, Hall SB, Singh M, Rastogi A, Moloney B, Wani SB, Gaddam S, Mathur SC, Wallace MB, Kanakadandi V, Balasubramanian G, Gupta N, Sharma P. *Gastrointest Endosc*. 2013 May;77(5):711-8. doi: 10.1016/j.gie.2013.01.029. Epub 2013 Feb 20.
4. Post-transplant Lymphoproliferative Disorder Presenting as Colonic Ulcers. Wong U, **Kim RE**. *American Journal of Gastroenterology*. October 2015 Volume 110, p S180
5. Usefulness of argon plasma coagulation ablation subsequent to endoscopic snare papillectomy for ampullary adenoma. Nam K, Song TJ, **Kim RE**, Cho DH, Cho MK, Oh D, Park DH, Lee SS, Seo DW, Lee SK, Kim MH, Baek S. *Dig Endosc*. 2018 Jul;30(4):485-492. doi: 10.1111/den.13008. Epub 2018 Jan 24.
6. Contrast-enhanced endoscopic ultrasound for differentially diagnosing autoimmune pancreatitis and pancreatic cancer. Cho MK, Moon SH, Song TJ, **Kim RE**, Oh DW, Park DH, Lee SS, Seo DW, Lee SK, Kim MH. *Gut Liver*. 2018 Sep 15;12(5):591-596. doi: 10.5009/gnl17391.
7. Boerhaave syndrome treated with endoscopic suturing. Chen A, **Kim RE**. *VideoGIE*. 2019 Jan 26;4(3):118-119. doi: 10.1016/j.vgie. 2018.12.005. eCollection 2019 Mar.
8. Poetic justice: a case of resolved intractable hiccups following POEM for achalasia. Christian K, Wellington J, **Kim RE**, Quezada S, Xie G. *ACG Case Rep J*. 2019 Apr 8;6(4):e00001. doi: 10.14309/crj.0000000000000001. eCollection 2019 Apr.
9. Endoscopic closure devices: a review of technique and application for hemostasis; J Wellington J, Cannakis A, **Kim RE**; *Int J Gastrointest Interv*. 2019 Jul;8(3):127-133. doi: 10.18528/ijgii190012

10. Successful closure with endoscopic suturing of a recalcitrant marginal ulcer despite Roux-en-Y gastric bypass reversion. Liu S, **Kim RE**. *VideoGIE*. 2019 Oct 14;4(12):554-555. doi: 10.1016/j.vgie.2019.09.001. eCollection 2019 Dec.
11. Recognizing intrapancreatic accessory spleen via EUS: interobserver variability. Kim GE, Morris JD, Anand N, DePalma F, Greenwald BD, **Kim RE**, Laczek J, Lee WJ, Papadopoulos I, Uradomo L, Young P, Darwin PE. *Endosc Ultrasound*. 2019 Nov-Dec;8(6):392-397. doi: 10.4103/eus.eus_35_19.
12. Safety and efficacy of endoscopic submucosal dissection for rectal neoplasia: a multicenter North American experience. Yang D, Aihara H, Perbtani YB, Wang AY, Aadam AA, Tomizawa Y, Hwang JH, Zou B, Natov NS, Siegel A, Khoshknab MP, Khashab MA, Ngamruengphong S, Khara HS, Diehl DL, Maniere T, Andrawes S, Benias P, Kumta NA, Ramay F, **Kim RE**, Samarasena J, Chang K, Hashimoto R, Tharian B, Inamdar S, Lan G, Sethi A, Nosler MJ, Tabash A, Othman MO, Draganov PV. *Endosc Int Open*. 2019 Dec;7(12):E1714-E1722. doi: 10.1055/a-1010-5663. Epub 2019 Dec 2.
13. Successful hemostasis with endoscopic suturing of recurrent duodenal ulcer bleeding after failed initial endoscopic therapy and embolization. Chuang NT, Agarwal A, **Kim RE**. *ACG Case Rep J*. 2020 Feb 20;7(2):e00275. doi: 10.14309/crj.0000000000000275. eCollection 2020 Feb.
14. A rare cause of dysphagia due to esophageal intramural pseudodiverticulosis: a case report and review of literature. Ali O, Asumu H, Kaur T, Mathew A, **Kim RE**. *BMC Gastroenterol*. 2020 Mar 16;20(1):72. doi: 10.1186/s12876-020-01209-y.
15. Oesophageal necrosis and pneumomediastinum: always examine x-rays assiduously. Ching PR, Meddeb M, Marciniak ET, Rubin JN, **Kim RE**. *Lancet*. 2020 Apr 11;395(10231):e66. doi: 10.1016/S0140-6736(20)30492-X.
16. Severe Transaminitis and Iron Deposition Induced by Anorexia Nervosa. Lee W, **Kim RE** – *Gastroenterology, Hepatology & Digestive Disorders*. 2020; 3(2):1-3. Doi: 20-1048
17. The Effect of Fluoroscopy Control on Cannulation Rate and Fluoroscopy Time in Endoscopic Retrograde Cholangiopancreatography Training. **Kim RE**, Kim G, Moris J, Urradomo L, Goldberg E, Darwin P. *The Korean Journal of Pancreas and Biliary Tract*. 2021 Jan; 2021; 26(1): 43-48. KJPBT 2020009. <https://doi.org/10.15279/kpba.2021.26.1.43>
18. Advances for Gastric Neoplasia Detection. Canakis A, Kim R. *Endoscopic Gastrointest Endosc Clin N Am*. 2021 Jul;31(3):543-561. doi: 10.1016/j.giec.2021.03.007. PMID: 34053638.
19. A Rare Cause of Esophagopleural Fistula Due to Intensity Modulated Photon Therapy: A Case Report and Review of Literature. Ali O, Challa SR, Ali S, **Kim RE**. *Clinical Journal of Gastroenterology*. 2021 Aug;14(4):955-960. doi: 10.1007/s12328-021-01388-5.
20. Increasing Utilization of Endoscopic Local Excision for Early Stage Gastric Cancers in the United States: Newland JJ, Johnson AM, Feng Zhaoyong, **Kim RE**, Williams RT, Hanna N, Mullins CD, Hu Y. *Surgery*. 2021 Nov
21. Successful D-POEM after failed surgical myotomy and diverticulectomy: Leopold A, **Kim RE**. *Video GIE*. 2022 Mar. doi.org/10.1016/j.vgie.2022.02.008
22. Increasing utilization of endoscopic local excision for early-stage gastric cancers in the United States, Newland J, Johnson A, Feng Z, **Kim RE**, Williams RT, Hanna NN, Mullins CD, Hu Y. *Surgery*. 2022 Feb 28;S0039-6060(22)00065-4. doi:10.1016/j.surg.2022.01.034.

23. Intraoperative Endoscopic Retrograde Cholangiopancreatography for Traumatic Pancreatic Ductal Injuries: Two case reports. Canakis A, Kesar V, Hudspath C, **Kim RE**, Scalea TM, Darwin P. *World journal of Gastroenterology*. May 16 2022. DOI: 10.4253/wjge.v14.i5.342
24. Peroral Endoscopic Myotomy is an Effective Treatment Option for Managing Jackhammer Esophagus: A Single Center Experience. Canakis A, **Kim RE**. *Journal of Clinical Gastroenterology*. April 2022. doi: 10.1097/MCG.0000000000001717
25. Extensive retroperitoneal multiloculated abscesses after open cholecystectomy associated with bile leak: A case report. Huang Y, Haleem Z, Pandey A, Sandhu P, **Kim RE**. *British Journal of Radiology Case reports*. May 2022. doi.org/10.1259/bjrcr.20210147
26. Endoscopic submucosal dissection of a tumor in the upper esophageal sphincter and piriform sinus. Kim R, Chatila A. *VideoGIE*. 2022 Sep 27;7(12):436-438. doi: 10.1016/j.vgie.2022.08.009. PMID: 36467525; PMCID: PMC9716427.
27. Addressing the risk of monkeypox exposure during gastrointestinal endoscopy. Canakis A, Kim RE, Sinha P, Raufman JP. *Ann Gastroenterol*. 2023 Jan-Feb;36(1):1-5. doi: 10.20524/aog.2022.0770. Epub 2022 Nov 29. PMID: 36593811; PMCID: PMC9756032.
28. Closure of Mucosal Defects Using Endoscopic Suturing Following Endoscopic Submucosal Dissection: A Single-Center Experience. Ali O, Canakis A, Huang Y, Patel H, Alizadeh M, Kim RE. *Tech Innov Gastrointest Endosc*. 2023;25(1):46-51. doi: 10.1016/j.tige.2022.11.002. Epub 2022 Nov 12. PMID: 37799128; PMCID: PMC10552729.2022DOI:https://doi.org/10.1016/j.tige.2022.11.002
29. Chronic Intramural Dissection Creating a Management Challenge in Eosinophilic Esophagitis: Endoscopic Septotomy to the Rescue. Canakis A, Causey E, Ali O, **Kim RE**. *Dig Dis Sci*. 2023 Jan 7. doi: 10.1007/s10620-022-07814-z. Epub ahead of print. PMID: 36609731.
30. A novel through-the-scope helix tack-and-suture device for mucosal defect closure following colorectal endoscopic submucosal dissection: a multicenter study. Farha J, Ramberan H, Aihara H, Zhang LY, Mehta A, Hage C, Schlachterman A, Kumar A, Shinn B, Canakis A, **Kim RE**, D'Souza LS, Buscaglia JM, Storm AC, Samarasena J, Chang K, Friedland S, Draganov PV, Qumseya BJ, Jawaid S, Othman MO, Hasan MK, Yang D, Khashab MA, Ngamruengphong S; ESD-Closure working group. *Endoscopy*. 2023 Jan 12. doi: 10.1055/a-1970-5528. Epub ahead of print. PMID: 36323330.
31. Comparing clinical success and procedural difficulty between treatment-naïve and treatment-refractory patients with esophageal motility disorders during per oral endoscopic myotomy. Kadiyala J, Canakis A, Lee DU, Xue P, Fan GH, **Kim RE**. *Gastrointest Endosc*. 2023 Feb 3:S0016-5107(23)00091-3. doi: 10.1016/j.gie.2023.01.052. Epub ahead of print. PMID: 36739994.
32. Zenker's peroral endoscopic myotomy for management of large Zenker's diverticulum. *Endoscopy*. Zhang LY, Hernández Mondragón O, Pioche M, Steinway SN, Nieto J, Ujiki MB, VanDruff VN, **Kim RE**, Canakis A, Tantau M, Tantau A, Pop A, Jacques J, Lajin M, Desai P, Shrigiriwar A, Bejjani M, Kumta NA, Khashab MA. *Gastrointest Endosc* 2023 Feb 24. doi: 10.1055/a-2025-0715. Epub ahead of print. PMID: 36827992.
33. Novel Through-the-Scope Suture Closure of Colonic Endoscopic Mucosal Resection Defects. Bi D, Zhang LY, Alqaisieh M, Shrigiriwar A, Farha J, Mahmoud T, Akiki K, Almario Jose A, Shah-Khan SM, Gordon SR, Adler JM, Radetic M, Draganov PV, David YN, Shinn B, Mohammed Z, Schlachterman A, Yuen S, Al-Tae A, Yunseok N, Trasolini

- R, Bejjani M, Ghandour B, Ramberan H, Canakis A, Ngamruengphong S, Storm AC, Singh S, Pohl H, Bucobo JC, Buscaglia JM, D'Souza LS, Qumseya B, Kumta NA, Kumar A, Haber GB, Hiroyuki A, Sawhney M, **Kim RE**, Berzin TM, Khashab MA. *Gastrointest Endosc.* 2023 Mar 6:S0016-5107(23)00300-0. doi: 10.1016/j.gie.2023.02.031. Epub ahead of print. PMID: 36889364.
34. Through-the-scope suture closure of nonampullary duodenal endoscopic mucosal resection defects: a retrospective multicenter cohort study. Almario JA, Zhang LY, Cohen J, Haber GB, Ramberan H, Storm AC, Gordon S, Adler JM, Pohl H, Schlachterman A, Kumar A, Singh S, Qumseya B, Draganov PV, Kumta NA, Canakis A, **Kim RE**, Aihara H, Shrigiriwar A, Ngamruengphong S, Khashab MA; Working group. *Endoscopy.* 2023 May 19. doi: 10.1055/a-2077-4832. Epub ahead of print. PMID: 37207666.
 35. Outcomes after endoscopic local excision of early-stage gastric adenocarcinoma in the United States. Newland JJ, Johnson AM, Feng Z, **Kim RE**, Williams RT, Hanna NN, Mullins CD, Hu Y. *Surg Oncol.* 2023 Apr 6;48:101937. doi: 10.1016/j.suronc.2023.101937. Epub ahead of print. PMID: 37058972.
 36. Gastric Peroral Endoscopic Myotomy for Management of Refractory Gastroparesis in Patients with Gastric Neurostimulator Devices: A Multicenter Retrospective Case Control Study. Ichkhanian Y, Al-Haddad MA, Jacobs CC, Schlachterman A, Yang J, Canakis A, **Kim RE**, Guerson-Gil A, D'Souza LS, Alsheik E, Ginnebaugh BD, Khashab MA, Zuchelli T, Kellie M, Piraka C; G-POEM study-group. *Gastrointest Endosc.* 2023 Apr 28:S0016-5107(23)02493-8. doi: 10.1016/j.gie.2023.04.2079. Epub ahead of print. PMID: 37121364.
 37. Incorporating the POEM learning curve into the analysis of prior treatments and POEM procedural outcomes. Kadiyala J, Canakis A, Lee DU, Xue P, Fan GH, **Kim RE**. *Gastrointestinal Endoscopy.* 2023 Mar 23
 38. Response to the letter to the editor: Does Prior Treatment Not Affect the Clinical Success Rate of POEM? Propensity Score Matching is Needed. Lee DU, Kadiyala J, Canakis A, Xue P, Fan GH, **Kim RE**. *Gastrointestinal Endoscopy.* 2023 Apr 6
 39. Compartmentalized pressurization is a novel prognostic factor for hypercontractile esophagus. Leopold AR, McCarthy P, Nair A, **Kim RE**, Xie G. *Neurogastroenterol Motil.* 2023 Nov 20:e14711. doi: 10.1111/nmo.14711. Epub ahead of print. PMID: 37983938.
 40. Active Narcotic Use And Post Peroral Endoscopic Myotomy Outcomes in Esophageal Motility Disorders. Xue P, Canakis A, Lee DU, Kadiyala J, Fan GH, **Kim RE**. *Gastrointest Endosc.* 2023 Oct 21:S0016-5107(23)02996-6. doi: 10.1016/j.gie.2023.10.046. Epub ahead of print. PMID: 37871847.
 41. Adaption of novel clip-closure technique for large mucosal defect following endoscopic mucosal resection of colon laterally spreading tumor using standard hemostatic clips. Saven H, Canakis A, **Kim RE**. *VideoGIE Open Access.* Published:September 16, 2023 DOI:<https://doi.org/10.1016/j.vgie.2023.09.009>
 42. Anesthesia Choice and Its Potential Impact on Endoluminal Functional Lumen Imaging Probe Measurements in Esophageal Motility Disorders. Canakis A, Lee DU, Grossman J, Hwang D, Wellington J, Yang A, Fan GH, Kim GE, **Kim RE**. *Gastrointest Endosc.* 2023. Nov 29, 2023
 43. Outcomes of Cold Snare Endoscopic Mucosal Resection of Nonampullary Duodenal Adenomas ≥ 1 cm: A Multicenter Study. Wilson N, Abdallah M, Schulman AR, Mosko JD, Saeed A, Kothari S, Kaul V, Kothari TH, Phan J, Kumar A, Tofani C, **Kim RE**, Westanmo A, Moy BM, Dang F, Canakis A, Sharma N, Muniraj T, Azeem N, Bilal M. *Gastrointest*

- Endosc. 2023 Dec 11:S0016-5107(23)03151-6. doi: 10.1016/j.gie.2023.12.007. Epub ahead of print. PMID: 38092125.
44. Peroral Endoscopic Myotomy For Spastic Esophageal Dysmotility Among Opioid Users: Multicenter Propensity Score Match Study. Bani Fawwaz B, Zhang Y, Farooq A, Gorrepati VS, Forde JF, Canakis A, **Kim RE**, Ma M, Benias P, Che S, Ujiki MB, Li AA, Hwang JH, Eke C, Kedia P, Yu A, Inayat I, Khalaf M, Othman M, Jawaid S, Hasan MK, Sharma N, Pomenti S, Sethi A, Draganov PV, Yang D. *Gastrointest Endosc.* 2024 Jan 4:S0016-5107(24)00003-8. doi: 10.1016/j.gie.2023.12.034. Epub ahead of print. PMID: 38184116.
 45. Low-dose pulsed vs standard pulsed fluoroscopy during ERCP to reduce radiation without change in image quality – A prospective randomized study, Ali, Osman1; Kesar, Varun; Alizadeh, Madeline; Kalachi, Kouros; Twery, Benjamin; Wellnitz, Nicholas; **Kim, RE**; Goldberg, Eric; Uradomo, Lance T; Darwin, Peter E, *Endoscopy International Open* 2024 (Accepted Manuscript), DOI: 10.1055/a-2284-8656
 46. Pancreatic Tuberculosis with Duodenal Fistula presenting as Life Threatening Gastrointestinal Bleed, Zaffar D, Abdel-Latif I, **Kim RE**, *ACG Case Reports Journal*, ACGCR-23-0952R1
 47. Endoscopic Ultrasound-guided Transmural Biliary Drainage With 6 mm and 8 mm Cautery-enhanced Lumen-apposing Metal Stents: A Multicenter Collaborative Study. Ramai D, Dawod E, Darwin PE, **Kim RE**, Kim JH, Wang J, Lanka C, Bakain T, Mahadev S, Sampath K, Carr-Locke DL, Morris JD, Sharaiha RZ. *J Clin Gastroenterol.* 2024 Jul 18. doi: 10.1097/MCG.0000000000002043. Epub ahead of print. PMID: 39042493.
 48. Evaluating no fixation, endoscopic suture fixation, and an over-the-scope clip for anchoring fully covered self-expanding metal stents in benign upper gastrointestinal conditions: a comparative multicenter international study (with video). Mehta A, Ashhab A, Shrigiriwar A, Assefa R, Canakis A, Frohlinger M, Bouvette CA, Matus G, Punkenhofer P, Mandarino FV, Azzolini F, Samaan JS, Advani R, Desai SK, Confer B, Sangwan VK, Pineda-Bonilla JJ, Lee DP, Modi K, Eke C, Schiemer M, Rondini E, Dolak W, Agarunov E, Duku M, Telese A, Pawa R, Pawa S, Zaragoza Velasco N, Farha J, Berrien-Lopez R, Abu S, McLean-Powell CK, **Kim RE**, Rumman A, Spaun GO, Arcidiacono PG, Park KH, Khara HS, Diehl DL, Kedia P, Kuellmer A, Manta R, Gonda TA, Sehgal V, Haidry R, Khashab MA. *Gastrointest Endosc.* 2024 Aug 21:S0016-5107(24)03452-7. doi: 10.1016/j.gie.2024.08.015. Epub ahead of print. PMID: 39179133.

Submitted or In-Revision Peer-reviewed journal articles

1. Endoscopic suturing is a safe and cost-effective method for mucosotomy closure in peroral endoscopic myotomy (POEM). Hwang D, Wellington J, Kim RE. *Expert Review of Gastroenterology & Hepatology.*

Web Based Journal Articles

1. Endoscopic Mucosal Resection (EMR) and Endoscopic Submucosal Dissection (ESD). **Kim RE.** *Medscape.* 2019.

2. Combination of pocket-creation, recurrent jet injection of dyed saline, and a single-channel suturing system to facilitate endoscopic submucosal dissection of a large, laterally spreading rectal tumor. Chudy-Onwugaje K MD, **Kim RE MD**. *ASGE GI Leap*. 2020.
3. Endoscopic Suturing as Rescue Therapy in Esophageal Perforation. Ofori E MD, **Kim RE**. *ASGE GI Leap*. 2020

Book Chapters

1. Hudson M, **Kim RE**, Goldberg E, Book title : *Advanced Pancreaticobiliary Endoscopy*, Chapter title : Endoscopic management of Complex Biliary and Pancreatic Injuries; First edition, Springer, 2016, pp 67-91

Abstracts and/or Proceedings

1. Use of video-auto fluorescence imaging (AFI) and magnification narrow band imaging (zoom-NBI) In Barrett's esophagus: an inter-observer agreement study. **Kim RE**, Singh V, Hall S, Singh M, Rastogi A, Moloney B, Wani S, Gaddam S, Mathur S, Wallace M, Sharma P, Bansal A; [DDW poster presentation 2010]
2. Balloon dilation with corticosteroid injections: a durable endoscopic option for Crohn's-related pyloric stenosis; Frist M, Jensen S, **Kim RE**, Borum ML. [CCFA poster presentation 2011]
3. Computer aided diagnosis using narrow band imaging (NBI) – a novel objective tool for differentiating tubular adenoma and hyperplastic colon polyps. **Kim RE**, Gupta N, Vennalaganti P, Repici A, Parasa S, Guda N, Sharma P. [DDW 2014 poster presentation]
4. The effect of endoscopist control of fluoroscopy on cannulation rate and fluoroscopy time during ERCP training. Uradomo L, Goldberg M, **Kim RE**, DePalma F, Anand N, Gosain S, Goldberg E, Darwin P. [DDW 2014 poster presentation]
5. The early effect of maryland's new healthcare delivery system reform on tertiary hospital transfers and GI procedure volume. **Kim RE**, Lee I, Goldberg E, Uradomo L, Darwin P. [DDW 2015 poster presentation]
6. Post-transplant lymphoproliferative disorder presenting as colonic ulcers. Wong U, **Kim RE**. [ACG 2015 poster presentation]
7. Peroral endoscopic myotomy (POEM) mucosotomy closure times are comparable between endoscopic suturing and clipping. Hwang D, **Kim RE**. [DDW 2018 poster presentation]
8. MRCP is more likely to be performed prior to in hospitals where ercp is not available. Zhang J, **Kim RE**, Darwin P, Goldberg E, Uradomo L. [DDW 2018 poster presentation]
9. Successful hemostasis with endoscopic suturing of persistent duodenal ulcer bleeding after failed initial endoscopic therapy and embolization. Nelson Chuang, **Raymond E. Kim**. [DDW 2018 poster presentation]
10. Endoscopic suturing of mucosal defects after endoscopic submucosal dissection (ESD) results in no delayed bleeding or perforation. Ramay F, **Kim RE**. [DDW 2018 poster presentation]
11. Autocannibalism: severe transaminitis and iron deposition induced by malnutrition. Lee W, **Kim RE**. [ACG 2018 poster presentation]
12. A Case tough to swallow: esophageal intramural pseudo-diverticulosis. Ali O, Asumu H, **Kim RE**. [ACG 2018 poster presentation]

13. Boerhaave syndrome treated with endoscopic suturing. Chen A, **Kim RE**. [ACG 2018 poster presentation]
14. Optimal esophageal myotomy length for spastic esophageal disorders individualized by peri-procedural endoflip 2.0 with flip® topography module: Wellington J, Hwang D, Xie G, **Kim RE**. [DDW 2019 poster presentation]
15. Learning curve in peroral endoscopic myotomy (POEM) synergizes with prior and concurrent endoscopic mucosal dissection (ESD) experience: Hwang D, Rubin J, **Kim RE**. [DDW 2019 poster presentation]
16. Peroral endoscopic myotomy (POEM) mucosotomy closure times are comparable between endoscopic suturing and clipping: Hwang D, **Kim RE**. [DDW 2019 poster presentation]
17. Rectal syphilis presenting as painless hematochezia; Ching P, Rubin J, Twaddell W, **Kim RE MD**. [ACG 2019 poster presentation]
18. Successful treatment using POEM and adjunct endoscopic therapies in submucosal tunneling and submucosal tunneling endoscopic resection (STER) in the treatment of large circumferential esophageal cancer; Ali O, **Kim RE**. [ACG 2019 poster presentation]
19. Effect of anesthetics during endoflip impacts diagnosis of esophageal motility disorders; Wellington J, **Kim RE**. [DDW 2020 poster presentation]
20. Endoscopic functional lumen imaging probe: completing high resolution impedance manometry for diagnosis of dysphagia; Yang A, **Kim RE**. [DDW 2020 poster presentation]
21. Combination of pocket-creation, recurrent jet injection and single-channel suturing to facilitate endoscopic submucosal dissection of a large, laterally spreading, tumor; Chudy-Onwugaje K, **Kim RE**. [DDW 2020 video presentation]
22. Peroral endoscopic myotomy (POEM) characteristics and outcomes; Hwang D, **Kim RE**. [DDW 2020 poster presentation]
23. Endoscopic suturing as rescue therapy in esophageal perforation closure; Ofori E, **Kim RE** [DDW 2020 video presentation]
24. Outcomes of endoscopic suturing following endoscopic submucosal dissection; Ali E, **Kim RE** [DDW 2021 oral presentation]
25. Failed Heller myotomy with diverticulectomy? Success with POEM and diverticulotomy : A case series; Leopold A, **Kim RE** [DDW 2021 video plenary II oral presentation]
26. Active Narcotic Use is Associated with Higher post-POEM Eckardt Scores Following Peroral Endoscopic Myotomy Treatment for Achalasia; Xue, P, Canakis A, Kadiyala, Kim RE [DDW 2022]
27. A Novel Through-The Scope Helix Tack and Suture Device for Mucosal Defect Closure Following Colorectal Endoscopic Submucosal Dissection (ESD): A multicenter Study; Jad Farha, Kim RE, Ngamruengphong S [DDW 2022]
28. Anesthesia Choice Can Affect EndoFLIP® Measurements and Thereby Misdiagnose Esophageal Motility Disorders, Grossman JL; Menegas S; Lee DU ; **Kim RE** [ACG 2023] - Presidential Poster Award
29. Management Of Patients After Failed Gastric Peroral Endoscopic Myotomy (G-POEM): A Multicenter Study [DDW 2023]
30. How Effective And Safe Is The Use Of Pediatric Endosonography. A Multi-center Retrospective Cohort Study [DDW 2023]
31. Clinical Outcomes Of Peroral Endoscopic Myotomy (Poem) In Patients With Spastic Esophageal Motility Disorders On Chronic Opioid Use: A Multicenter Study [DDW 2023]

32. Assessing Image Quality Using Time-limited Fluoroscopy During ERCP - A Prospective Randomized Trial [DDW 2023]
33. Endoscopic Resection of a Rare Ileocecal Valve Polyp. [ACG 2023]
34. Pancreatic Tuberculosis with Suspected Duodenal Fistula [ACG 2023]
35. Predictors of Successful Stone Fragmentation and Extraction Using Electrohydraulic Lithotripsy: A Multicentric Study [ACG 2023]

Major Invited Speeches

Local

1. Endoscopic Submucosal Dissection. Tate Cancer Symposium. University of Maryland Baltimore Washington Medical Center, Tate Cancer Center, 305 Hospital Drive, Suite 301, Glen Burnie, MD USA. 2017
2. Cutting Deeper with Endoscopy – ESD and POEM. Medicine Grand Rounds - UM-St. Joseph Medical Center, 7601 Osler Drive, Towson, MD, USA. 2017
3. Cutting Deeper with Endoscopy – ESD and POEM. Medicine Grand Rounds - University of Maryland School of Medicine. 2017
4. POEM: Treatment procedure for Achalasia. CSGNA 40th Anniversary Education Conference. Anne Arundel Medical Center, 2000 Medical Parkway, Annapolis, MD USA. 2019
5. Per Oral Endoscopic Myotomy (POEM). GI Grand Rounds – University of Maryland, School of Medicine. Baltimore, MD, USA 2019
6. Endoscopic Submucosal Dissection (ESD). GI Grand Rounds – University of Maryland, School of Medicine. Baltimore, MD, USA 2021
7. Endoscopic Submucosal Dissection (ESD). GI Grand Rounds – Temple University, 3401 N Broad St, Philadelphia, PA, USA. 2020
8. Endoscopic Submucosal Dissection (ESD). GI Grand rounds – University of Utah, 50 Medical Dr N, Salt Lake City, UT, USA 2021
9. Endoscopic Suturing and Its Applications. GI Grand rounds – University of Maryland, School of Medicine. Baltimore, MD, USA 2022
10. POEM update – EPOEM, GPOEM, ZPOEM and DPOEM! GI Grand rounds – University of Maryland, School of Medicine. Baltimore, MD USA 2023
11. Bariatric endoscopy – KAMA DMV 2024

International

12. Barrett's Esophagus, GI Grand Rounds – Asan Medical Center, Seoul, South Korea, 2016
13. ESD and POEM, 3rd United Conference of Hepatogastroenterology and Infectious Diseases – Cairo, Egypt, 2020
14. Endoscopic suturing, 4th United Conference of Hepatogastroenterology and Infectious Diseases – Cairo, Egypt, 2021

15. Endoscopic suturing, The Annual Conference of Endemic Medicine Department Cairo University – Cairo, Egypt, 2022
16. ESD practice from the West and the East – Seoul, South Korea, 2022
17. Technical advances and variations of POEM – Incheon, South Korea, 2023