



## Kanak Verma Kennedy

Clinical Assistant Professor, Pediatrics - Gastroenterology

### CLINICAL OFFICE (PRIMARY)

- **Pediatric Gastroenterology Clinic**

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### Bio

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#### CLINICAL FOCUS

- Pediatric Gastroenterology

#### ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Pediatrics - Gastroenterology
- Member, Maternal & Child Health Research Institute (MCHRI)

#### HONORS AND AWARDS

- Komarov Research Competition 1st Place, Delaware Valley Society For Gastrointestinal Endoscopy (June 2024)
- 2024 Fellow Abstract Award, American Gastroenterology Association (AGA) (May 2024)
- 2023 Fellow Research Award, North American Society for Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN) (October 2023)

#### PROFESSIONAL EDUCATION

- Board Certification: Pediatric Gastroenterology, American Board of Pediatrics (2025)
- Medical Education: Dartmouth Geisel School of Medicine (2018) NH
- Residency: Children's Hospital of Philadelphia Dept of Pediatrics (2021) PA
- Fellowship: Children's Hospital of Philadelphia Pediatric Gastroenterology Fellowship (2024) PA
- Board Certification: Pediatrics, American Board of Pediatrics (2021)

### Publications

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#### PUBLICATIONS

- **FOXM1 inhibition reduces IL-13-induced epithelial remodelling and inflammation in eosinophilic oesophagitis.** *Gut*  
Sasaki, M., Wang, J. X., Teranishi, R., Itami, T., Zhou, Y., Kennedy, K. V., Semeao, A., Ishikawa, S., Hara, T., McMillan, E. A., Mahon, M., Golden, H., Dhakal, et al  
2025
- **Histologic response is associated with improved esophageal distensibility and symptom burden in pediatric eosinophilic esophagitis.** *Gastroenterology*

- Kennedy, K., Burger, C., Pan, Z., Umeweni, C. N., Alston, M., Benitez, A., Furuta, G. T., Mahon, M., Ruffner, M. A., Quinn, L., Muir, A., Menard-Katcher, C.  
2025
- **Prevalence and predictors of low bone mineral density in pediatric inflammatory bowel disease.** *Journal of pediatric gastroenterology and nutrition*  
Rudra, S., Kennedy, K., Neukrug, S., Huang, J., Cousminer, D. L., Patel, A., Xu, Y., Grant, S. F., Baldassano, R. N., Albenberg, L., Zemel, B. S., Stein, R.  
2025; 81 (1): 34-42
  - **FOXM1 Modulation Alleviates Epithelial Remodeling and Inflammation in Eosinophilic Esophagitis.** *bioRxiv : the preprint server for biology*  
Sasaki, M., Wang, J. X., Zhou, Y., Kennedy, K. V., Teranishi, R., Itami, T., Ishikawa, S., Hara, T., Winters, H., McMillan, E. A., Mahon, M., Golden, H., Dhakal, et al  
2025
  - **SPNing our wheels-Pancreatic solid pseudopapillary neoplasm as an extraluminal etiology of persistent duodenal ulceration.** *JPGN reports*  
Kennedy, K. V., Fawad, J. A., Neugut, Y. D., Valenzuela-Araujo, D., Coe, A., Bhatti, T. R., Acord, M., Manfredi, M. D., Mamula, P., Loomes, K. M., Brownell, J. N.  
2025; 6 (2): 189-192
  - **Finding the Value: Identifying the Key Elements of Recorded Clinic Visits From the Perspective of Patients, Clinicians, and Caregivers.** *Health expectations : an international journal of public participation in health care and health policy*  
Barr, P. J., Wasp, G. T., Dannenberg, M. D., Mistler, L. A., Verma, K., Bonasia, K., Haslett, W. R., Ganoe, C. H., Bratches, R. W., Schifferdecker, K.  
2025; 28 (1): e70143
  - **Lysyl Oxidase Mediates Proliferation and Differentiation in the Esophageal Epithelium.** *Biomolecules*  
Kennedy, K. V., Wang, J. X., McMillan, E., Zhou, Y., Teranishi, R., Semeao, A., Mirchandani, L., Umeweni, C. N., Dhakal, D., Baccarella, A., Ishikawa, S., Sasaki, M., Itami, et al  
2024; 14 (12)
  - **Proton pump inhibitors and esophageal atresia: Too early to change clinical practice.** *Journal of pediatric gastroenterology and nutrition*  
Manfredi, M. A., Yasuda, J., Mahon, M., Kennedy, K. V., Menard-Katcher, C., Mitchel, E., Muir, A. B.  
2024; 79 (6): 1216-1217
  - **Granulomatous hyperinflammatory state induced by dupilumab treatment for eosinophilic esophagitis.** *The journal of allergy and clinical immunology. Global*  
Kennedy, K. V., Costello, A., Lerman, M. A., Burnham, J. M., Corcoran, A., Piccione, J., Grier, A., Sullivan, K., Whitehorn-Brown, T., Alexander, C. J., Finn, L. S., Wilkins, B. J., Muir, et al  
2024; 3 (4): 100314
  - **Esophageal Remodeling Correlates With Eating Behaviors in Pediatric Eosinophilic Esophagitis.** *The American journal of gastroenterology*  
Kennedy, K. V., Umeweni, C. N., Alston, M., Dolinsky, L., McCormack, S. M., Taylor, L. A., Bendavid, A., Benitez, A., Mitchel, E., Karakasheva, T., Goh, V., Maqbool, A., Albenberg, et al  
2024; 119 (6): 1167-1176
  - **Endoscopic and histologic utility of transnasal endoscopy in pediatric eosinophilic esophagitis.** *Journal of pediatric gastroenterology and nutrition*  
Shaul, E., Kennedy, K. V., Spergel, Z. C., Daneshdoost, S., Mahon, M., Thanawala, S., Spergel, J. M., Wilkins, B., Ryan, M. J., Muir, A. B.  
2024; 78 (5): 1155-1160
  - **Pathophysiology of Eosinophilic Esophagitis.** *Immunology and allergy clinics of North America*  
Kennedy, K. V., Muir, A. B., Ruffner, M. A.  
2024; 44 (2): 119-128
  - **Lysyl Oxidase Regulates Epithelial Differentiation and Barrier Integrity in Eosinophilic Esophagitis.** *Cellular and molecular gastroenterology and hepatology*  
Sasaki, M., Hara, T., Wang, J. X., Zhou, Y., Kennedy, K. V., Umeweni, C. N., Alston, M. A., Spergel, Z. C., Ishikawa, S., Teranishi, R., Nakagawa, R., Mcmillan, E. A., Whelan, et al  
2024; 17 (6): 923-937
  - **Lysyl oxidase regulates epithelial differentiation and barrier integrity in eosinophilic esophagitis.** *bioRxiv : the preprint server for biology*

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Sasaki, M., Hara, T., Wang, J. X., Zhou, Y., Kennedy, K. V., Umeweni, N. N., Alston, M. A., Spergel, Z. C., Nakagawa, R., Mcmillan, E. A., Whelan, K. A., Karakasheva, T. A., Hamilton, et al  
2023

- **Treatment goals in eosinophilic esophagitis: Looking beyond eosinophil count.** *Annals of allergy, asthma & immunology : official publication of the American College of Allergy, Asthma, & Immunology*  
Kennedy, K. V., Umeweni, C. N., Ruffner, M., Muir, A. B.  
2023; 130 (1): 11-12
- **Independent translation of ORFs in dicistronic operons, synthetic building blocks for polycistronic chloroplast gene expression.** *The Plant journal : for cell and molecular biology*  
Yu, Q., Tungsuchat-Huang, T., Verma, K., Radler, M. R., Maliga, P.  
2020; 103 (6): 2318-2329
- **The health and economic outcomes of early egg introduction strategies.** *Allergy*  
Shaker, M., Verma, K., Greenhawt, M.  
2018; 73 (11): 2214-2223
- **Audio-/Videorecording Clinic Visits for Patient's Personal Use in the United States: Cross-Sectional Survey.** *Journal of medical Internet research*  
Barr, P. J., Bonasia, K., Verma, K., Dannenberg, M. D., Yi, C., Andrews, E., Palm, M., Cavanaugh, K. L., Masel, M., Durand, M. A.  
2018; 20 (9): e11308
- **Association of Rooming-in With Outcomes for Neonatal Abstinence Syndrome: A Systematic Review and Meta-analysis.** *JAMA pediatrics*  
MacMillan, K. D., Rendon, C. P., Verma, K., Riblet, N., Washer, D. B., Volpe Holmes, A.  
2018; 172 (4): 345-351