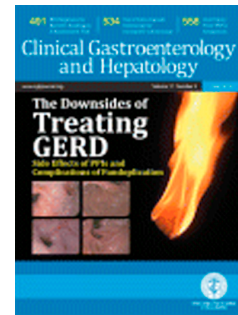


International consensus recommendations for eosinophilic gastrointestinal disease nomenclature

Evan S. Dellon, Nirmala Gonsalves, J. Pablo Abonia, Jeffrey A. Alexander, Nicoleta C. Arva, Dan Atkins, Stephen E. Attwood, Marcus KH. Auth, Dominique D. Bailey, Luc Biederman, Carine Blanchard, Peter A. Bonis, Paroma Bose, Albert J. Bredenoord, Joy W. Chang, Mirna Chehade, Margaret H. Collins, Carlo Di Lorenzo, Jorge Amil Dias, Ranjan Dohil, Christophe Dupont, Gary W. Falk, Cristina T. Ferreira, Adam T. Fox, Robert M. Genta, Thomas Greuter, Sandeep K. Gupta, Ikuo Hirano, Girish S. Hiremath, Jennifer L. Horsley-Silva, Shunji Ishihara, Norihisa Ishimura, Elizabeth T. Jensen, Carolina Gutiérrez-Junquera, David A. Katzka, Paneez Khoury, Yoshikazu Kinoshita, Kara L. Kliewer, Sibylle Koletzko, John Leung, Chris A. Liacouras, Alfredo J. Lucendo, Lisa J. Martin, Emily C. McGowan, Calies Menard-Katcher, David C. Metz, Talya L. Miller, Fouad J. Moawad, Amanda B. Muir, Vincent A. Mukkada, Simon Murch, Quan M. Nhu, Ichiro Nomura, Samuel Nurko, Yoshikazu Ohtsuka, Salvatore Oliva, Rok Orel, Alexandra Papadopoulou, Dhyanes A. Patel, Robert D. Pesek, Kathryn A. Peterson, Hamish Philpott, Philip E. Putnam, Joel E. Richter, Rachel Rosen, Melanie A. Ruffner, Ekaterina Safroneeva, Philipp Schreiner, Alain Schoepfer, Shauna R. Schroeder, Neil Shah, Rhonda F. Souza, Stuart J. Spechler, Jonathan M. Spergel, Alex Straumann, Nicholas J. Talley, Nikhil Thapar, Yvan Vandenplas, Rajitha D. Venkatesh, Mario C. Vieira, Ulrike von Arnim, Marjorie M. Walker, Joshua B. Wechsler, Barry K. Wershil, Benjamin L. Wright, Yoshiyuki Yamada, Guang-Yu Yang, Noam Zevit, Marc E. Rothenberg, Glenn T. Furuta, Seema S. Aceves



PII: S1542-3565(22)00143-4  
DOI: <https://doi.org/10.1016/j.cgh.2022.02.017>  
Reference: YJCGH 58337

To appear in: *Clinical Gastroenterology and Hepatology*  
Accepted Date: 7 February 2022

Please cite this article as: Dellon ES, Gonsalves N, Abonia JP, Alexander JA, Arva NC, Atkins D, Attwood SE, Auth MK, Bailey DD, Biederman L, Blanchard C, Bonis PA, Bose P, Bredenoord AJ, Chang JW, Chehade M, Collins MH, Di Lorenzo C, Dias JA, Dohil R, Dupont C, Falk GW, Ferreira CT, Fox AT, Genta RM, Greuter T, Gupta SK, Hirano I, Hiremath GS, Horsley-Silva JL, Ishihara S, Ishimura N, Jensen ET, Gutiérrez-Junquera C, Katzka DA, Khoury P, Kinoshita Y, Kliewer KL, Koletzko S, Leung J, Liacouras CA, Lucendo AJ, Martin LJ, McGowan EC, Menard-Katcher C, Metz DC, Miller TL,

Moawad FJ, Muir AB, Mukkada VA, Murch S, Nhu QM, Nomura I, Nurko S, Ohtsuka Y, Oliva S, Orel R, Papadopoulou A, Patel DA, Pesek RD, Peterson KA, Philpott H, Putnam PE, Richter JE, Rosen R, Ruffner MA, Safroneeva E, Schreiner P, Schoepfer A, Schroeder SR, Shah N, Souza RF, Spechler SJ, Spergel JM, Straumann A, Talley NJ, Thapar N, Vandenplas Y, Venkatesh RD, Vieira MC, von Arnim U, Walker MM, Wechsler JB, Wershil BK, Wright BL, Yamada Y, Yang G-Y, Zevit N, Rothenberg ME, Furuta GT, Aceves SS, International consensus recommendations for eosinophilic gastrointestinal disease nomenclature, *Clinical Gastroenterology and Hepatology* (2022), doi: <https://doi.org/10.1016/j.cgh.2022.02.017>.

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## International consensus recommendations for eosinophilic gastrointestinal disease nomenclature

Evan S. Dellon,<sup>1\*</sup> Nirmala Gonsalves,<sup>2\*</sup> J. Pablo Abonia,<sup>3</sup> Jeffrey A. Alexander,<sup>4</sup> Nicoleta C. Arva,<sup>5</sup> Dan Atkins,<sup>6</sup> Stephen E. Attwood,<sup>7</sup> Marcus KH Auth,<sup>8</sup> Dominique D. Bailey,<sup>9</sup> Luc Biederman,<sup>10</sup> Carine Blanchard,<sup>11</sup> Peter A. Bonis,<sup>12</sup> Paroma Bose,<sup>13</sup> Albert J. Bredenoord,<sup>14</sup> Joy W. Chang,<sup>15</sup> Mirna Chehade,<sup>16</sup> Margaret H. Collins,<sup>17</sup> Carlo Di Lorenzo,<sup>18</sup> Jorge Amil Dias,<sup>19</sup> Ranjan Dohil,<sup>20</sup> Christophe Dupont,<sup>21</sup> Gary W. Falk,<sup>22</sup> Cristina T. Ferreira,<sup>23</sup> Adam T. Fox,<sup>24</sup> Robert M. Genta,<sup>25</sup> Thomas Greuter,<sup>10, 26</sup> Sandeep K. Gupta,<sup>13</sup> Ikuo Hirano,<sup>2</sup> Girish S. Hiremath,<sup>27</sup> Jennifer L. Horsley-Silva,<sup>28</sup> Shunji Ishihara,<sup>29</sup> Norihisa Ishimura,<sup>29</sup> Elizabeth T. Jensen,<sup>30</sup> Carolina Gutiérrez-Junquera,<sup>31</sup> David A. Katzka,<sup>4</sup> Paneez Khoury,<sup>32</sup> Yoshikazu Kinoshita,<sup>33</sup> Kara L. Kliewer,<sup>3</sup> Sibylle Koletzko,<sup>34</sup> John Leung,<sup>12</sup> Chris A. Liacouras,<sup>35</sup> Alfredo J. Lucendo,<sup>36</sup> Lisa J. Martin,<sup>37</sup> Emily C. McGowan,<sup>38</sup> Calies Menard-Katcher,<sup>39</sup> David C. Metz,<sup>22</sup> Talya L. Miller,<sup>40</sup> Fouad J. Moawad,<sup>41</sup> Amanda B. Muir,<sup>35</sup> Vincent A. Mukkada,<sup>42</sup> Simon Murch,<sup>43</sup> Quan M. Nhu,<sup>41, 44</sup> Ichiro Nomura,<sup>45</sup> Samuel Nurko,<sup>46</sup> Yoshikazu Ohtsuka,<sup>47</sup> Salvatore Oliva,<sup>48</sup> Rok Orel,<sup>49</sup> Alexandra Papadopoulou,<sup>50</sup> Dhyanesh A. Patel,<sup>51</sup> Robert D. Pesek,<sup>52</sup> Kathryn A. Peterson,<sup>53</sup> Hamish Philpott,<sup>54</sup> Philip E. Putnam,<sup>42</sup> Joel E. Richter,<sup>55</sup> Rachel Rosen,<sup>56</sup> Melanie A. Ruffner,<sup>57</sup> Ekaterina Safroneeva,<sup>58</sup> Philipp Schreiner,<sup>10</sup> Alain Schoepfer,<sup>26</sup> Shauna R. Schroeder,<sup>59</sup> Neil Shah,<sup>60</sup> Rhonda F. Souza,<sup>61</sup> Stuart J. Spechler,<sup>61</sup> Jonathan M. Spergel,<sup>57</sup> Alex Straumann,<sup>10</sup> Nicholas J. Talley,<sup>62</sup> Nikhil Thapar,<sup>63</sup> Yvan Vandenplas,<sup>64</sup> Rajitha D. Venkatesh,<sup>18</sup> Mario C. Vieira,<sup>65</sup> Ulrike von Arnim,<sup>66</sup> Marjorie M. Walker,<sup>67</sup> Joshua B. Wechsler,<sup>68</sup> Barry K. Wershil,<sup>68</sup> Benjamin L. Wright,<sup>69</sup> Yoshiyuki Yamada,<sup>70</sup> Guang-Yu Yang,<sup>71</sup> Noam Zevit,<sup>72</sup> Marc E. Rothenberg,<sup>3</sup> Glenn T. Furuta,<sup>39#</sup> Seema S. Aceves<sup>73#</sup>

\*co-first authors

#co-senior authors

### Affiliations

1. Dellon – Center for Esophageal Diseases and Swallowing and Center for Gastrointestinal Biology and Disease, Division of Gastroenterology and Hepatology, Department of Medicine, University of North Carolina School of Medicine, Chapel Hill, NC
2. Gonsalves/Hirano – Division of Gastroenterology and Hepatology, Northwestern University Feinberg School of Medicine, Chicago, IL
3. Abonia/Rothenberg/Kliewer – Division of Allergy and Immunology, Department of Pediatrics, Cincinnati Children's Hospital Medical Center, University of Cincinnati College of Medicine, Cincinnati, Ohio
4. Alexander/Katzka – Division of Gastroenterology, Mayo Clinic Rochester, MN
5. Arva – Department of Pathology, Ann & Robert H. Lurie Children's Hospital of Chicago, Northwestern University Feinberg School of Medicine
6. Atkins – Section of Pediatric Allergy and Immunology, Children's Hospital Colorado, University of Colorado School of Medicine, Denver, Colorado
7. Attwood – Dept of Health Services Research, Durham University, United Kingdom

8. Auth – Alder Hey Children’s NHS Foundation Trust and University of Liverpool, Department of Paediatric Gastroenterology, Hepatology and Nutrition; Liverpool, United Kingdom
9. Baily – Division of Pediatric Gastroenterology, Hepatology, and Nutrition, Department of Pediatrics, Columbia University Irving Medical Center, New York, NY; Division of Digestive and Liver Disease, Department of Medicine, Columbia University Irving Medical Center, New York, NY; Columbia Center for Human Development, Columbia University Irving Medical Center, New York, NY
10. Biederman/Greuter/Schreiner/Straumann – Department of Gastroenterology & Hepatology, University Hospital Zurich, Switzerland
11. Blanchard – Department of Gastro-Intestinal Health, Immunology group, Nestlé Institute of Health Sciences, Nestlé Research, Société des Produits Nestlé S.A., Lausanne, Switzerland
12. Bonis/Leung – Division of Gastroenterology Tufts University School of Medicine
13. Bose/Gupta – Indiana University School of Medicine, Riley Hospital for Children, and Community Health Network, Division of Pediatric Gastroenterology, Hepatology, and Nutrition, Indianapolis, IN
14. Bredenoord – Department of Gastroenterology, Amsterdam University Medical Center, The Netherlands
15. Chang – Division of Gastroenterology, Department of Internal Medicine, University of Michigan, Ann Arbor, MI
16. Chehade – Mount Sinai Center for Eosinophilic Disorders, Icahn School of Medicine at Mount Sinai, New York, NY
17. Collins – Division of Pathology and Laboratory Medicine, Department of Pediatrics, Cincinnati Children’s Hospital Medical Center, University of Cincinnati College of Medicine, Cincinnati, Ohio
18. Di Lorenzo/Venkatesh – Division of Gastroenterology, Hepatology and Nutrition, Nationwide Children’s Hospital, Columbus, OH
19. Dias – Hospital Lusiadas, Porto, Portugal
20. Dohil – Division on Pediatric Gastroenterology, University of California, San Diego Rady’s Children’s Hospital, San Diego
21. Dupont – Paris Descartes University, Marcel Sembat Clinic, Ramsay Group, Paris, France
22. Falk/Metz – Division of Gastroenterology, University of Pennsylvania Perelman School of Medicine, Philadelphia, PA
23. Ferreira – Federal University of Health Sciences of Porto Alegre; Hospital Santo Antônio, Porto Alegre, Brazil
24. Fox – Paediatric Allergy, Guy’s & St. Thomas’ Hospitals NHS Foundation Trust, London, UK
25. Genta – Department of Pathology and Medicine (Division of Gastroenterology), Baylor College of Medicine, Houston, Texas; and Inform Diagnostics, Irving, Texas
26. Greuter/Schoepfer – Division of Gastroenterology and Hepatology, University Hospital Lausanne – CHUV
27. Hiremath – Division of Pediatric Gastroenterology, Hepatology, and Nutrition, Monroe Carell Jr. Children’s Hospital at Vanderbilt, Vanderbilt University Medical Center, Nashville, TN
28. Horsley-Silva – Division of Gastroenterology and Hepatology, Mayo Clinic, Phoenix, Arizona

29. Ishihara/Ishimura – Department of Internal Medicine II, Shimane University Faculty of Medicine, Shimane, Japan
30. Jensen – Department of Epidemiology and Prevention, Wake Forest School of Medicine, Winston-Salem, NC
31. Gutiérrez-Junquera – Pediatric Gastroenterology Unit, University Hospital Puerta de Hierro Majadahonda, Autonomous University of Madrid. Spain
32. Khoury – Human Eosinophil Section, NIAID/NIH, Bethesda, MD
33. Kinoshita – Hyogo-prefectural Harima-Himeji General Medical Center, Himeji, Japan
34. Koletzko – Dr. von Hauner Children’s Hospital, Department of Pediatrics, University Hospital, LMU Munich, Munich, Germany; and Department of Pediatrics, Gastroenterology and Nutrition, School of Medicine Collegium Medicum University of Warmia and Mazury, Olsztyn, Poland
35. Liacouras/Muir – Perelman School of Medicine, University of Pennsylvania; Center for Pediatric Eosinophilic Disorders; Division of Gastroenterology, Hepatology and Nutrition; The Children’s Hospital of Philadelphia
36. Lucendo – Department of Gastroenterology, Hospital General de Tomelloso; Instituto de Investigación Sanitaria Princesa (IIS-IP); and Centro de Investigación Biomédica en Red de Enfermedades Hepáticas y Digestivas (CIBEREHD); Tomelloso, Spain
37. Martin – Department of Pediatrics, Cincinnati Children's Hospital, University of Cincinnati College of Medicine, Cincinnati, OH
38. McGowan – University of Virginia School of Medicine, Division of Allergy and Immunology, Charlottesville, VA
39. Menard-Katcher/Furuta – Digestive Health Institute, Children’s Hospital Colorado, Aurora, CO; Gastrointestinal Eosinophilic Diseases Program, University of Colorado School of Medicine, Aurora, CO
40. Miller – Swedish Medical Center, Seattle, WA
41. Moawad/Nhu – Scripps Clinic, Division of Gastroenterology and Hepatology, La Jolla, CA
42. Mukkada/Putnam – Division of Gastroenterology, Hepatology, and Nutrition, Department of Pediatrics, Cincinnati Children’s Hospital Medical Center, University of Cincinnati College of Medicine, Cincinnati, OH
43. Murch – Warwick University Medical School, Coventry, UK
44. Nhu – Scripps Research Institute, Department of Molecular Medicine; and University of California, San Diego, Division of Allergy & Immunology, La Jolla, CA
45. Nomura – Division of Eosinophilic Gastrointestinal Disorders, Allergy Center, National Center for Child Health and Development, Tokyo, Japan
46. Nurko – Center for Motility and Functional Gastrointestinal Disorders, Boston Children’s Hospital, Boston, MA
47. Ohtsuka – Department of Pediatrics and Adolescent Medicine, Juntendo University Graduate School of Medicine, Tokyo, Japan
48. Oliva – Pediatric Digestive Endoscopy, Pediatric Gastroenterology and Liver Unit Maternal and Child Health Department, University Hospital, University of Rome, Rome, Italy
49. Orel – University Children's Hospital Ljubljana, Faculty of Medicine, University of Ljubljana, Slovenia
50. Papadopoulou – Division of Gastroenterology and Hepatology, First Department of Pediatrics, University of Athens, Children’s Hospital “Agia Sofia”, Athens, Greece

51. Patel – Center for Esophageal Disorders, Vanderbilt University Medical Center, Nashville, TN
52. Pesek – Division of Allergy and Immunology, Department of Pediatrics, Arkansas Children's Hospital and the University of Arkansas for Medical Sciences, Little Rock, AR
53. Peterson – Division of Gastroenterology, University of Utah, Salt Lake City, Utah
54. Philpott – University of Adelaide, Department of Gastroenterology Lyell McEwin Hospital, Adelaide, South Australia, Australia
55. Richter – University of South Florida Morsani College of Medicine, Tampa
56. Rosen – Aerodigestive Center, Boston Children's Hospital, Boston, MA
57. Ruffner/Spergel – Division of Allergy and Immunology, Children's Hospital of Philadelphia Department of Pediatrics, Perelman School of Medicine at Univ. of Pennsylvania, Philadelphia, PA
58. Safroneeva – University of Bern, Institute of Social and Preventive Medicine, Bern, Switzerland
59. Schroeder – Division of Gastroenterology, Hepatology, and Nutrition, Phoenix Children's Hospital, Phoenix AZ
60. Shah – The Portland Hospital, London UK; and Reckitt Healthcare Slough UK
61. Souza/Spechler – Division of Gastroenterology and Center for Esophageal Diseases, Baylor University Medical Center and Center for Esophageal Research, Baylor Scott & White Research Institute, Dallas, TX
62. Talley – School of Medicine and Public Health, University of Newcastle, Newcastle, Australia; NHMRC Centre of Research Excellence on Digestive Health, Australia; and Hunter Medical Research Institute, New Lambton Heights, Australia
63. Thapar – Gastroenterology, Hepatology and Liver Transplant, Queensland Children's Hospital; School of Medicine, University of Queensland; and Woolworths Centre for Child Nutrition Research, Queensland University of Technology; Brisbane, Australia
64. Vandenplas - Vrije Universiteit Brussel, UZ Brussel, KidZ Health Castle, Brussels, Belgium
65. Vieira – Center for Pediatric Gastroenterology - Hospital Pequeno Príncipe - Curitiba, Brazil.
66. von Arnim – Department of Gastroenterology, Hepatology and Infectious Diseases, University Hospital Magdeburg, Germany
67. Walker – Anatomical Pathology, University of Newcastle Faculty of Health and Medicine, College of Health, Medicine and Wellbeing, Callaghan, New South Wales, Australia
68. Wechsler/Wershil – Division of Gastroenterology, Hepatology, and Nutrition, Ann & Robert H Lurie Children's Hospital of Chicago, Chicago, IL
69. Wright – Division of Allergy, Asthma, and Clinical Immunology, Department of Medicine, Mayo Clinic Arizona, Scottsdale, AZ; and Section of Allergy and Immunology, Division of Pulmonology, Phoenix Children's Hospital, Phoenix, AZ
70. Yamada – Department of Pediatrics, Tokai University School of Medicine, Kanagawa, Japan
71. Yang – Department of Pathology, Northwestern University Feinberg School of Medicine, Chicago, IL
72. Zevit – Institute of Gastroenterology, Hepatology, and Nutrition, Schneider Children's Medical Center of Israel, Petach Tikva Israel, and Sackler Faculty of Medicine, Tel-Aviv University, Tel-Aviv, Israel
73. Aceves – Division of Allergy, Immunology, Departments of Pediatrics and Medicine, University of California, San Diego, Rady Children's Hospital, San Diego, La Jolla CA



### Author contributions

Dellon, Gonsalves, Furuta, Aceves – project conception, coordination, data collection/analysis, data interpretation, manuscript drafting, critical revision of the manuscript, final approval  
All other authors – participation in the Delphi process, data interpretation, critical revision of the manuscript, final approval

### Disclosures

Dellon – Research funding: Adare/Ellodi, Allakos, Arena, AstraZeneca, GSK, Meritage, Miraca, Nutricia, Celgene/Receptos/BMS, Regeneron, Shire/Takeda; Consultant: Abbott, Abbvie, Adare/ Ellodi, Aimmune, Allakos, Amgen, Arena, AstraZeneca, Avir, Biorasi, Calypso, Celgene/Receptos/BMS, Celldex, Eli Lilly, EsoCap, GSK, Gossamer Bio, InveniAI, Landos, LucidDx, Morphic, Nutricia, Parexel/Calyx, Phathom, Regeneron, Revolo, Robarts/Alimentiv, Salix, Sanofi, Shire/Takeda, Target RWE; Educational grant: Allakos, Banner, Holoclara  
Gonsalves – Consultant: Allakos, Astra-Zeneca, Knopp, Abbvie, Regeneron-Sanofi, Nutricia, Speakers Bureau: Takeda, Royalties; Up-to-Date  
Abonia – Consultant: Takeda  
Alexander – Consultant: Lucid Technologies; Research funding: Shire/Takeda, Adair, Regeneron; Financial Interest: Meritage Pharmacia  
Arva – None  
Atkins – None  
Attwood – Consultant for Dr Falk Pharma, Eso-Cap, AstraZeneca and Regeneron/Sanofi, and has received speaker fees from Medtronic, Vifor Pharma and Rafa Pharma  
Auth – Investigator fees from Dr Falk Pharma, and educational grants from Nutricia, Abbott and Mead Johnson; speakers fees from AbbVie; Advisory Board member for EosNetwork  
Baily – None  
Biederman – Consulting fees and/or speaker fees and/or research grants from Dr. Falk Pharma, GmbH, Germany, Vifor AG, Switzerland, Esocap AG, Switzerland, Sanofi-Aventis AG, Switzerland and Calypso Biotech SA  
Blanchard – Employed by Société des Produits Nestlé S.A.  
Bonis – None  
Bose – None  
Bredenoord – Research funding from Thelial, Nutricia, Bayer, Norgine, SST and received speaker and/or consultancy fees from Thelial, AstraZeneca, Celgene, Regeneron/Sanofi, Arena, DrFalkPharma, Esocap, Calypso Biotech, Alimentiv  
Chang – Advisory Boards for Takeda, Sanofi Genzyme, Lucid Diagnostics  
Chehade – Consultant: Regeneron, Allakos, Adare/Ellodi, Shire/Takeda, AstraZeneca, Sanofi, Bristol Myers Squibb, Phathom. Research funding: Regeneron, Allakos, Shire/Takeda, AstraZeneca, Adare/Ellodi, Danone  
Collins – Consultant for Alimentiv (formerly Robarts Clinical Trials, Inc), Allakos, Arena, AstraZeneca, Calypso, Esocap, GlaxoSmithKline, Receptos/Celgene/BMC, Regeneron, and Takeda and received research funds from AstraZeneca, Receptos/Celgene/BMC, Regeneron, and Takeda  
Di Lorenzo – None  
Dias – Honoraria for lectures from Takeda, Ferrer, Danone; consulting fees from Adacyte  
Dohil – The University of California, San Diego has a financial interest in Shire Pharmaceuticals the company to which oral viscous budesonide is licensed. Dr. Dohil and the University of

California, San Diego may financially benefit from this interest if the company is successful in developing and marketing its own product. The terms of the arrangement have been reviewed by the University of California, San Diego in accordance with its conflict of interest policies

Dupont – Consultant: SAB Abbott, Biostime, Danone, Nestlé, Sodilac

Falk – Consulting: Shire/Takeda, Ellodi, Celgene/BMS, Sanofi/Regeneron, Allakos, Lucid

Grant Support: Arena, Shire/Takeda, Ellodi, Celgene/BMS, Sanofi/Regeneron, Allakos, Lucid

DSMB: Revolo

Ferreira – None

Fox – President of British Society of Allergy & Clinical Immunology & Chair of Health

Advisory Board of Allergy UK, which both receive commercial sponsorship

Genta – None

Greuter – Consulting/speaker fees from Abbvie, Norgine, Pfizer, Takeda, Dr Falk Pharma, Janssen, received travel grants from Vifor Pharma, and a non-restricted research grant from Novartis Foundation for Biomedical Research

Gupta – Consultant: Abbott, Adare, Allakos, Celgene, Gossamer Bio, QOL, UpToDate, Medscape, Viaskin; research support: Shire; Allakos; Adare

Hirano – Consulting fees: Adare/Ellodi, Allakos, Amgen, Arena, AstraZeneca, Celgene/Receptos/BMS, Eli Lilly, EsoCap, Gossamer Bio, Parexel/Calyx, Phathom, Regeneron, Sanofi, and Shire/Takeda; research funding: Adare/Ellodi, Allakos, Arena, AstraZeneca, Meritage, Celgene/Receptos/BMS, Regeneron/Sanofi, and Shire/Takeda

Hiremath – None

Horsley-Silva – Research funding (clinical trial site) for Regeneron/Sanofi, Allakos, Celgene

Bristol-Myers Squibb. Has participated in advisory board for Sanofi Genzyme

Ishihara – Scholarship donations from Nippon Kayaku Co., Ltd., JIMRO Co., Ltd., EA Pharma Co., Ltd., KYORIN Pharmaceutical Co., Ltd., Zeria Pharmaceutical Co., Ltd., Mitsubishi Tanabe Pharma Corporation and Mochida Pharmaceutical Co., Ltd., Eisai, Co., Ltd., and Otsuka Pharmaceutical Co., Ltd., and lecture fees from Abbvie GK, Takeda Pharmaceutical Co., Ltd., JIMRO Co., Ltd., EA Pharma Co., Ltd., KYORIN Pharmaceutical Co., Ltd., Zeria Pharmaceutical Co., Ltd., Mitsubishi Tanabe Pharma Corporation, Mochida Pharmaceutical Co., Ltd., Daiichi Sankyo Co., Ltd., Janssen Pharmaceutical K.K., OLYMPUS, Otsuka Pharmaceutical Co., Ltd., AstraZeneca plc, Chugai Pharmaceutical Co., Ltd., and Zeon Medical Inc.

Ishimura – Lecture fees from Takeda Pharmaceutical Co., Ltd., and Otsuka Pharmaceutical Co., Ltd., and research grant from AstraZeneca

Jensen – None

Gutiérrez-Junquera – None

Katzka – Research funding and consulting: Takeda and Regeron

Khoury – None

Kinoshita – None

Kliwer – None

Koletzko – Consulting/speaker fees from Abbvie, Biocodex, Danone, Janssen, Nestlé Nutrition, Pharmacosmos, Mead Johnson, Menarini, Shire, Takeda, ThermoFisher, Vifor

Leung – None

Liacouras – Consultant: Abbott, Ellodi, AstraZeneca; Speaker: Abbott

Lucendo – Research funding: Adare/Ellodi, Dr. Falk Pharma, and Regeneron; Consultant: Dr. Falk Pharma and EsoCap



Martin – None  
 McGowan – Research funding: Regeneron  
 Menard-Katcher – None  
 Metz – None  
 Miller – None  
 Moawad – Consultant and Advisory Board: Takeda, Sanofi/Regeneron  
 Muir – None  
 Mukkada – Consultant for Shire/Takeda, Allakos, Sanofi/Genzyme; Adjudication board for Alladapt  
 Murch – None  
 Nhu – Advisory Board consulting fees, Takeda, Sanofi Genzyme  
 Nomura – None  
 Nurko – Consultant for IHS  
 Ohtsuka – None  
 Oliva – Advisory and Speaker fees - Medtronic  
 Orel – Consultant and/or speaker for Nutricia, BioGaia, Medis, Abbvie, Lek, DrFalk  
 Papadopoulou – Research funding: Abbvie, United Pharmaceuticals, Dr. Falk Pharma GmbH, Takeda, Astra Zeneca; Advisory board: Adare Pharmaceuticals, Dr. Falk Pharma GmbH, Specialty Therapeutics; Honorarium for lectures: Uni-Pharma Pharmaceuticals, Nestle, Cross, Petsiavas  
 Patel – None  
 Pesek – Consultant for Takeda  
 Peterson – Consulting fees from Alladapt, Astra Zeneca, Allakos, Bristol Meyers Squibb, Ellodi, Lucid, Takeda, Regeneron, Medscape. She receives speakers fees from Takeda, Peerview, and Regeneron. She has equity in Nexeos Bio  
 Philpott – Consultant for Dr Falk Pharma and Arena Pharmaceuticals  
 Putnam – None  
 Richter – None  
 Rosen – Consultant – Jansen Pharmaceuticals  
 Ruffner – None  
 Safroneeva – Consulting or speaker fees from Alimentiv Inc., AVIR Pharma, Inc., and Sanofi-Aventis Deutschland GmbH  
 Schreiner – Consulting fees from Pfizer, Takeda and Janssen-Cilag and travel support from Falk, UCB and Pfizer  
 Schoepfer – None  
 Schroeder – Research funding: Regeneron, Allakos  
 Shah – Reckitt Healthcare Chief Medical Officer Nutrition  
 Souza – Research funding from Sanofi and Phathom Pharmaceuticals. Consultant for Cernostics, Phathom Pharmaceuticals, Interpace Diagnostics, Ironwood Pharmaceuticals, ISOThrive, CDx Diagnostics, Eli Lilly, and AstraZeneca  
 Spechler – Consultant for Phathom Pharmaceuticals, Ironwood Pharmaceuticals, Takeda Pharmaceuticals, Interpace Diagnostics, Cernostics, and ISOThrive  
 Spergel – None  
 Straumann – Consultant contracts with AstraZeneca, EsoCap, Falk Pharma International, Receptos-Celgene, Regeneron-Sanofi and Shire

Talley – Non-financial support from HVN National Science Challenge NZ, personal fees from Aviro Health (Digestive health) (2019), Anantara Life Sciences, Brisbane (2019), Allakos (gastric eosinophilic disease) (2021), Bayer [IBS] (2020), Danone (Probiotic) (2018), Planet Innovation (Gas capsule IBS) (2020), Takeda, Japan (gastroparesis) (2019), twoXAR (2019) (IBS drugs), Viscera Labs, (USA 2021) (IBS-diarrhoea), Dr Falk Pharma (2020) (EoE), Censa, Wellesley MA USA (2019) (Diabetic gastroparesis), Cadila PharmIncaceuticals (CME) (2019), Progenity Inc. San Diego, (USA 2019) (Intestinal capsule), Sanofi-aventis, Sydney (2019) (Probiotic), Glutagen (2020) (Celiac disease), ARENA Pharmaceuticals (2019) (Abdominal pain), IsoThrive (2021) (oesophageal microbiome), BluMaiden (2021), Rose Pharma (2021), Intrinsic Medicine (2021) outside the submitted work; In addition, Dr. Talley has a patent Nepean Dyspepsia Index (NDI) 1998, Biomarkers of IBS licensed, a patent Licensing Questionnaires Talley Bowel Disease Questionnaire licensed to Mayo/Talley, a patent Nestec European Patent licensed, and a patent Singapore Provisional Patent “Microbiota Modulation Of BDNF Tissue Repair Pathway” issued, “Diagnostic marker for functional gastrointestinal disorders” Australian Provisional Patent Application 2021901692. Committees: OzSage, Australian Medical Council (AMC) [Council Member]; Australian Telehealth Integration Programme; MBS Review Taskforce; NHMRC Principal Committee (Research Committee) Asia Pacific Association of Medical Journal Editors. Boards: GESA Board Member, Sax Institute, Committees of the Presidents of Medical Colleges. Community group: Advisory Board, IFFGD (International Foundation for Functional GI Disorders), AusEE. Miscellaneous: Avant Foundation (judging of research grants). Editorial: Medical Journal of Australia (Editor in Chief), Up to Date (Section Editor), Precision and Future Medicine, Sungkyunkwan University School of Medicine, South Korea, Med (Journal of Cell Press). Dr. Talley is supported by funding from the National Health and Medical Research Council (NHMRC) to the Centre for Research Excellence in Digestive Health and he holds an NHMRC Investigator grant.

Thapar – Consultancy and speaker fees from Takeda and Danone/Nutricia

Vandenplas – None

Venkatesh – None

Vieira – None

von Arnim – Speaker and/or consultancy fees from EsoCap, Abbvie, Galapagos, Takeda, Dr. Falk foundation, Regeneron/Sanofi, Vifor, Amgen, Janssen

Walker – None

Wechsler – Consultant fees: Regeneron, Allakos, AstraZeneca, Sanofi, InvenAI. Clinical trial funding: Regeneron, Allakos

Wershil – Speaker: Mead Johnson Nutritionals, Abbott Nutrition

Wright – Research funding from Allakos

Yamada – None

Yang – None

Zevit – Advisory fees - Adare Pharmaceuticals, Dr. Falk Pharma; Speakers fees - Rafa, Sanofi Rothenberg - consultant for Pulm One, Spoon Guru, ClostraBio, Serpin Pharm, Allakos, Celldex, Celgene, Astra Zeneca, Adare/Ellodi Pharma, GlaxoSmith Kline, Regeneron/Sanofi, Revolo Biotherapeutics, and Guidepoint and has an equity interest in the first six listed, and royalties from reslizumab (Teva Pharmaceuticals), PEESSv2 (Mapi Research Trust) and UpToDate.

M.E.R. is an inventor of patents owned by Cincinnati Children’s Hospital

Furuta – Founder-EnteroTrack, Research funding-Holoclara, Arena, NIH

Aceves – Co-Inventor, oral viscous budesonide, UCSD patented, Takeda licensed. Consultant-Regeneron, AstraZeneca

Funding: CEGIR (U54 AI117804) is part of the Rare Disease Clinical Research Network (RDCRN), an initiative of the Office of Rare Diseases Research (ORDR), NCATS, and is funded through collaboration between NIAID, NIDDK, and NCATS. CEGIR is also supported by patient advocacy groups including American Partnership for Eosinophilic Disorders (APFED), Campaign Urging Research for Eosinophilic Diseases (CURED), and Eosinophilic Family Coalition (EFC). As a member of the RDCRN, CEGIR is also supported by its Data Management and Coordinating Center (DMCC) (U2CTR002818).

Acknowledgements: We gratefully acknowledge the input and review from the following patient advocacy groups and their representatives: American Partnership for Eosinophilic Disorders (APFED; Mary Jo Strobel), AusEE Inc (Sarah Gray), Campaign Urging Research for Eosinophilic Disease (CURED; Ellyn Kodroff), Eosinophilic Family Coalition (EFC; Amy Zicarelli), and EosNetwork (Amanda Cordell). We also thank Rhona Jackson for her administrative assistance in coordinating this process and manuscript submission.

Corresponding Author: Evan S. Dellon MD, MPH  
CB#7080  
Bioinformatics Building  
130 Mason Farm Rd.  
UNC-CH  
Chapel Hill, NC 27599-7080  
Phone: (919) 966-2513  
Fax: (919) 843-2508  
email: edellon@med.unc.edu

## Abstract

**Background & Aims:** Substantial heterogeneity in terminology used for eosinophilic gastrointestinal diseases (EGID), particularly the catchall term “eosinophilic gastroenteritis”, limits clinical and research advances. We aimed to achieve an international consensus for standardized EGID nomenclature.

**Methods:** This consensus process utilized Delphi methodology. An initial naming framework was proposed and refined in iterative fashion, then assessed in a first round of Delphi voting. Results were discussed in two consensus meetings, the framework was updated, and re-assessed in a second Delphi vote, with a 70% threshold set for agreement.

**Results:** Of 91 experts participating, 85 (93%) completed the first and 82 (90%) completed the second Delphi surveys. Consensus was reached on all but two statements. “EGID” was the preferred umbrella term for disorders of GI tract eosinophilic inflammation in the absence of secondary causes (100% agreement). Involved GI tract segments will be named specifically and use an “Eo” abbreviation convention: eosinophilic gastritis (now abbreviated EoG), eosinophilic enteritis (EoN), and eosinophilic colitis (EoC). The term “eosinophilic gastroenteritis” is no longer preferred as the overall name (96% agreement). When >2 GI tract areas are involved, the name should reflect all of the involved areas.

**Conclusions:** This international process resulted in consensus for updated EGID nomenclature for both clinical and research use. EGID will be the umbrella term rather than “eosinophilic gastroenteritis”, and specific naming conventions by location of GI tract involvement are recommended. As more data are developed, this framework can be updated to reflect best practices and the underlying science.

Keywords: eosinophilic gastrointestinal disease; eosinophilic gastroenteritis; Delphi; nomenclature; classification

Journal Pre-proof

## Introduction

Eosinophilic gastrointestinal diseases (EGIDs) are chronic, immune-mediated disorders characterized clinically by GI symptoms and histologically by a pathologic increase in eosinophil-predominant inflammation in specific regions of the GI tract, in the absence of secondary causes of eosinophilia.<sup>1,2</sup> The best known of these is eosinophilic esophagitis (EoE),<sup>3-5</sup> but the non-EoE EGIDs are now the subject of intensive study due to increased clinical awareness of these conditions. Non-EoE EGIDs can involve the stomach, small bowel, and colon, either individually or in any combination of segments, and can also vary in the depth of involvement of the GI tract layers. Recent investigations have focused on understanding the clinical presentation, epidemiology, natural history, pathogenesis, and effective treatments.<sup>6-22</sup>

At present, no guidelines exist for diagnosis or treatment of the non-EoE EGIDs, but efforts are actively underway to develop these. As this guideline process started, there was substantial confusion related to EGID terminology, particularly pertaining to the catchall term “eosinophilic gastroenteritis”. There has been variable use of this term in both clinical settings and research studies, with ambiguity and heterogeneity in its definition.<sup>8, 13, 23-26</sup> Over many years, the phrase “eosinophilic gastroenteritis” has been used to indicate different sites of involvement including stomach alone, small bowel alone, stomach *and* small bowel, stomach *or* small bowel, or involvement anywhere along the GI tract.

This non-standardized use of nomenclature highlighted a need for a common language for non-EoE eosinophilic GI disease names, not just for clinical practice but also for the consistent data collection required for research to continue to advance the field. Therefore, the aim of this effort was to achieve an international consensus for consistent EGID nomenclature.



## Methods

### *Overview and principles*

This was an iterative and inclusive process with formalized feedback utilizing standard Delphi methods.<sup>27</sup> A four-person steering group (ESD, NG, GTF, SSA) first reviewed the literature and developed several potential nomenclature systems, which were then shared and refined amongst an expanded focus group. Additional feedback was solicited from members of the Consortium of Eosinophilic Gastrointestinal Disease Researchers (CEGIR),<sup>28</sup> as well as from members outside of this group. Based on the feedback, an initial nomenclature framework was proposed.

A number of principles guided the first part of the development process. First, when terminology was not ambiguous, the goal was to retain as much of the existing nomenclature as possible. This was to minimize confusion amongst clinicians, researchers, and patients and to retain existing International Classification of Diseases (ICD) codes. Second, was to strongly consider the removal of the term “eosinophilic gastroenteritis” from the framework, given the variability in its use. Third, was to create a basic level of nomenclature that would be intuitive and useful for clinical practice. Fourth, was to include a second tier of more detailed nomenclature that could be utilized for research purposes, with a focus on granularity in naming since terms can always be combined as future information is gained, but cannot be split. Fifth, was to solicit and receive feedback during the process from stakeholders, including patient advocacy groups, regulatory authorities, researchers, and clinicians. Sixth, was to move forward with the recognition that the framework developed would be a starting point and expected to change in the future, as informed by emerging data.

### *Delphi 1*

After the framework had been established, the next step was the first Delphi round of questions. An international and multidisciplinary group of adult and pediatric clinicians and researchers with experience in EGIDs, esophageal disorders, immunology, functional disorders, and other areas, spanning specialties of gastroenterology, allergy, pathology, basic and translational science, and epidemiology, was recruited to complete a 42 question online survey distributed using the Qualtrics platform. Questions focused on use of the term “eosinophilic gastroenteritis” and other possible nomenclature options. A figure of the framework was presented at the beginning of the survey, and respondents were asked to rate their level of agreement to a series of statements on a five-point scale: strongly disagree, disagree, neither agree nor disagree, agree, and strongly agree. Free text comments were also allowed. Summary statistics for the responses were calculated and a level of agreement of 70% (the sum of “agree” and “strongly agree”) was set *a priori*.

### *Consensus meetings*

After the initial Delphi responses were analyzed, all respondents participated in one of two scheduled consensus meetings in May, 2021. Two meetings were scheduled to accommodate the large number of participants who were located on five continents and because an in-person meeting was not possible due to the COVID-19 pandemic. These meetings were approached in identical fashion and conducted via a video conferencing platform with a chat interface. Data were reviewed and then the discussion focused on areas of disagreement, proposed new terminology, the role of the term “eosinophilic gastroenteritis”, and how to approach naming eosinophilic disease in the small bowel. Active participation was sought from

all participants, and comments in the chat were recorded and reviewed. In addition, preliminary results were shared with stakeholders, including patient advocacy groups, industry representatives, and representatives from the Food and Drug Administration during the Gastroenterology Regulatory Endpoints and the Advancement of Therapeutics VI (GREAT VI) Workshop on EGIDs beyond EoE (July, 2021).<sup>29</sup>

### *Delphi 2*

All feedback from the consensus meetings and additional comments received were incorporated into an updated framework. This was again done in an iterative fashion, first with the steering group and then with the extended focus group members. After this, a second round of Delphi questions was developed and distributed to the same large international group that completed the first Delphi round. There were 29 questions, again distributed in an online survey, focusing on the updated framework. Respondents were asked only whether they agreed or disagreed with each of the statements (two-point scale without a “neutral” option). Summary statistics for the responses were calculated and a level of agreement of 70% was set *a priori*.

## **Results**

### *Demographics and variability in terminology use*

Of the 91 experts invited to participate, 85 (93%) completed the first Delphi survey. There were 32 women (38%) and 53 men (62%), with a median time in practice of 21 years (interquartile range: 9-30). Nearly half (48%) of participants saw children and/or adolescents in practice, 12% saw adolescents and adults, 18% saw adults only, 14% saw patients of all ages,

and 8% did not see patients. Practice settings were largely academic or university-based (91%), and 53% saw three or more non-EoE EGID patients per month (Table 1).

To gauge how participants currently viewed terminology, they were asked the question: “When I use the term “eosinophilic gastroenteritis”, I mean to indicate that the disease involves (please check all of the following that apply)”. There was no majority consensus answer to this question. The two most common answers were “stomach AND small bowel”, reported by 36 (42%), and “any location along the GI tract, reported by 11 (13%)”. However, there was substantial variability in responses, with more than 13 other definitions for “eosinophilic gastroenteritis” provided, representing a range of different locations along the GI tract (Figure 1).

#### *Delphi 1 results and consensus meetings*

Full data on the initial Delphi results are presented in Supplemental Table 1. There was strong agreement in the first round of the Delphi process and in the consensus meetings that the umbrella term for disorders of GI tract eosinophilic inflammation in the absence of secondary causes should be “eosinophilic gastrointestinal disease” (96% either agreed or strongly agreed), and that when an EGID involves only the esophagus, the name should remain EoE (97% either agreed or strongly agreed). There was also strong agreement that when an EGID involves only the stomach or colon, the name should be eosinophilic gastritis or eosinophilic colitis, respectively (95% agreed or strongly agreed for both).

There was no consensus on whether the term “eosinophilic gastroenteritis” should be removed from an EGID nomenclature system (10% strongly agree, 25% agree, 25% neutral, 30% disagree, 11% strongly disagree). In the initial survey comments and in the discussions during the meetings, reasons for removing the term were related to variability in use, unclear

definition or meaning, and limitations related to an ability to know whether the stomach or bowel (or both) were involved. Reasons for retaining the term included its historical nature and use, its ongoing use in current research studies and protocols, and the need to potentially redefine the term (stomach and small bowel involvement only) but not use it as an umbrella term any longer. This last option carried weight and began to generate consensus.

During the Delphi 1 process, consensus was also not reached on what to name small bowel involvement alone, and there was 61% agreement, 19% neutral, and 21% disagreement with the term “eosinophilic pan-enteritis”. In the comments and discussion, there was debate as to whether specifying all parts of small bowel involvement (e.g. duodenum vs jejunum vs ileum) was necessary or even practical, given that assessment of the mid/distal small bowel may not be clinically indicated and performing deep enteroscopy and/or video capsule endoscopy may not be possible at all centers. Nevertheless, there was consensus on naming of eosinophilic duodenitis (75% strongly agreeing or agreeing, 21% neutral, 11% disagreeing). There was also debate about whether to include depth of wall layer involvement, EGID complications, or uninvestigated areas of the GI tract in the nomenclature framework (Supplemental Table 1).

### *Delphi 2 results*

There were 82 responses from the 91 participants for the Delphi round 2 survey (90%), and overall consensus was reached on all statements from the updated framework (based on input from the Delphi round 1 and consensus meetings) with the exception of two statements (Table 2). There was universal (100%) consensus on using the umbrella term EGID for disorders of GI tract eosinophilic inflammation in the absence of secondary causes, as well as the names eosinophilic gastritis and eosinophilic colitis. There was 95% agreement to naming an

EGID involving the small intestine as “eosinophilic enteritis”, and 94% agreement that it was desirable, but not required, to name specific locations of small bowel involvement, when known. There was also consensus for naming the individual segments of the small bowel (i.e. eosinophilic duodenitis).

For abbreviations, agreement was reached to have an “Eo” naming convention, consistent with what is already used for EoE. Therefore eosinophilic gastritis would be EoG, eosinophilic duodenitis would be EoD, and eosinophilic colitis would be EoC. There was debate around how to abbreviate small bowel involvement, but ultimately 79% agreed with “EoN”, indicating Eosinophilic eNteritis.

During the Delphi 2 process, the term “eosinophilic gastroenteritis” was deemphasized and will no longer be the preferred umbrella term for EGIDs (96% agreement). When used, it should only be used when *both* the stomach *and* the small bowel are involved (83% agreement). There was also consensus that when more than two GI tract areas (outside of the esophagus) are involved, the name should reflect the involved areas (96% agreement) (Table 2).

The first topic where consensus was not reached related to overlapping esophageal involvement. Only 61% agreed with the statement that for EGIDs that involve the stomach and/or small bowel and/or the colon, and ALSO the esophagus, the term to indicate this should be “with esophageal involvement”. The second topic was related to whether areas of the GI tract that were not investigated or had unknown involvement should be specified in the nomenclature framework (65% agreement).



## Discussion

Research related to EGIDs is rapidly advancing. However, the field of non-EoE EGIDs is in a position similar to where EoE was in the early 2000s, without diagnostic or management guidelines, and with a literature that can be difficult to interpret based on different disease definitions and terminologies used.<sup>30</sup> In particular, the term “eosinophilic gastroenteritis” has been confusing, as it has often been used to represent any type of eosinophilic GI infiltration, not just stomach and small bowel. In that context, our large, international, and multidisciplinary group came together to conduct a Delphi process to standardize EGID nomenclature. This step, while seemingly rudimentary, was essential to inform the guideline efforts that are now underway.

The results from this iterative and collaborative process showed that even amongst this group of experts, the term “eosinophilic gastroenteritis” was variably used, and agreement to redefine and deemphasize this term was reached. The new framework for EGID nomenclature that resulted from this Delphi process is presented in Figure 2. “EGID” should now be used as the umbrella term for diseases of the GI tract with pathologic eosinophilic infiltration in the absence of secondary causes. In the first tier of nomenclature that will be used routinely in clinical practice, esophageal involvement alone remains EoE. Any other location of involvement can be termed a “non-EoE EGID”. Naming is then by location of inflammation, with the stomach being termed eosinophilic gastritis (EoG), small bowel termed eosinophilic enteritis (EoN), and colon termed eosinophilic colitis (EoC). In the second tier of nomenclature, which can be used clinically but should be used for research, there is an emphasis on further granularity with naming, in particular when there is small bowel involvement and when there are multiple non-esophageal locations involved. For example, stomach and small bowel involvement should

be termed eosinophilic gastritis and enteritis, and stomach and duodenal involvement should be termed eosinophilic gastritis and duodenitis. Because there was not consensus when the esophagus is also involved, this can either be termed “with esophageal involvement” or “EoE”, but with the understanding that by current diagnostic criteria, EoE is isolated to the esophagus.<sup>3</sup> Additionally, the GI wall layer of involvement, if known, should be noted, along with complications that may be present. These can include protein-losing enteropathy, ascites, anemia, strictures, ulcers, perforations, or others.

While this process yielded nearly universal agreement on almost every facet of EGID nomenclature, there were exceptions that were vigorously debated, mostly concerning how to address patients with multiple areas of the GI tract involved. EGIDs with multiple areas of involvement are challenging since there are few data addressing whether there is a disease spectrum with a shared pathogenesis or not. In this context, many participants felt it was important to identify a “primary” location of the EGID named after taking into account the predominant symptoms, endoscopic features, and complications, not simply just the histologic findings. Therefore, a patient with gastric, small bowel, and colonic involvement, but with protein-losing enteropathy, malabsorption, diarrhea, and small bowel strictures, would be classified primarily as EoN. If this patient instead had anorexia, weight loss, abdominal pain, and gastric ulceration with pyloric stenosis, the classification would primarily be EoG. A similar issue was raised when the esophagus was involved. Some patients with esophageal and gastric involvement, for example, may have primarily “EoE-like” symptoms and findings (with dysphagia, esophageal stricturing, and need for dilation) but also have superimposed gastric symptoms, while some may have minimal dysphagia and heartburn, but abdominal pain and gastric ulceration predominate. The former patient might be classified as “EoE and EoG”, while

the latter may be better termed “EoG with esophageal involvement”. However, it was acknowledged that this is likely a part of the nomenclature framework that will evolve in the future as pertinent data become available. Another major area of emphasis was that the clinical picture, and not the nomenclature, should drive the clinically-indicated evaluation and treatment. Therefore, while upper endoscopy is typically indicated in most cases of chronic GI symptoms, colonoscopy and additional deep enteroscopy or imaging techniques are not required in all patients. In particular, there was a strong desire to keep testing to what is clinically relevant and not over-investigate symptoms once a diagnosis is made, particularly in children. There is no need to “stage” entire GI tract or investigate areas of the bowel that are not responsible for symptoms. Further discussion of this topic, however, was beyond the scope of the nomenclature effort and will be more thoroughly addressed in diagnostic guidelines which are under development.

There are several limitations to acknowledge with the current consensus approach. First, the participants tended to be from academic or university settings, and therefore were not representative of all practitioners. However, an overriding goal of this process was to have a simplified approach in a “first tier” of nomenclature than can be adopted by all clinicians, and this was accomplished with the EGID umbrella term, the EoE vs non-EoE EGID designation, and the naming conventions for the gastric, small bowel, and colonic locations. We added a more complex “second tier” to be used in a research setting, or when a clinician would like to provide more details and granularity for better patient characterization and follow-up. This framework is analogous to a general gastroenterologist using the term ileocolonic Crohn’s in a patient with inflammatory bowel disease, whereas a researcher would use the full Montreal classification system.<sup>31</sup> Second, this nomenclature is for luminal GI disorders, so does not

currently apply to eosinophilic gallbladder, liver, or pancreatic diseases. Last, the small bowel nomenclature remains challenging. It may be either too general (enteritis), too specific (jejunitis), or limited (duodenitis, without noting additional small bowel extent). However, the current terms, designations, and conventions for naming multiple segments provides a reasonable and standardized starting point for the field.

A benefit of the EGID nomenclature process is that these identified limitations suggest clear and immediate directions for research. The debate about whether to use “esophageal involvement” or “EoE” can be addressed when molecular and pathogenic data are compared between patients with only esophageal involvement and patients with esophageal and “lower” involvement. If molecular profiles pathogenic mechanisms are the same in each case, then names can be the same; if the features, treatment, or prognosis are distinct, then the naming convention can also be different. Similarly, it remains to be investigated whether patients with gastric and small bowel involvement are the same as those with gastric alone or small bowel alone, though some data on clinical presentation and treatment response related to this question are beginning to emerge.<sup>12, 20-22</sup> Naming precision will also be helpful for assessing and contextualizing therapeutic response. A final aspect to consider is how this nomenclature will ultimately mesh with the current ICD coding system. Current EGID ICD-10 codes include eosinophilic esophagitis (K20.0), eosinophilic gastritis or gastroenteritis (K52.81), and eosinophilic colitis (K52.82). If ongoing research supports the currently proposed updated nomenclature framework, then ICD coding will likely need to be updated to reflect this as well.

In conclusion, this international consensus process has resulted in updated EGID nomenclature that should be used for both clinical and research purposes. EGID will be the umbrella term for diseases of eosinophilic infiltration of the GI tract, and the term “eosinophilic

gastroenteritis” will no longer be used in this role, and will ideally be replaced in favor of more specific naming conventions. If the term “eosinophilic gastroenteritis” is used, it should only be for the times that both stomach and small bowel are involved. The iterative and collaborative process led to agreement on nearly all aspects of the proposed nomenclature framework, and has identified future research directions. It is expected that as more data are collected, the nomenclature will again be updated to reflect best practices and the underlying pathogenesis of these disorders.

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**Table 1: Characteristics of EGID nomenclature Delphi process (n=85)**

	n (%), or median
Sex	
Female	32 (38)
Male	53 (62)
Time in practice (median years, IQR, range)	21 (9-30); range: 1-44
Specialty	
Gastroenterology	60 (70)
Allergy/Immunology	15 (18)
Pathology	5 (6)
Other	5 (6)
Type of patients seen	
Children and/or adolescents	41 (48)
Adolescents and adults	10 (12)
Adults	15 (18)
All ages	12 (14)
Do not see patients	7 (8)
Practice setting	
Academic/university	77 (91)
Private/community practice	4 (5)
Not practicing	3 (3)
Industry	1 (1)
Location	
North America	49 (58)
South America	2 (2)
Europe	24 (28)
Asia	6 (7)
Australia	4 (5)
Non-EoE EGID patients seen per month	
<3	33 (47)
3-5	13 (19)
5-10	9 (13)
>10	15 (21)

**Table 2: Agreement data from round 2 of the Delphi voting process (n=82)**

	Agree (n, %)	Disagree (n, %)
The umbrella term for disorders of GI tract eosinophilic inflammation in the absence of secondary causes should be “eosinophilic gastrointestinal disease” (EGID)	82 (100)	0 (0)
When an EGID involves the esophagus, the name should remain “eosinophilic esophagitis” (EoE)	80 (98)	2 (2)
When an EGID involves the stomach, the name should be “eosinophilic gastritis”	82 (100)	0 (0)
When an EGID involves the colon, the name should be “eosinophilic colitis”	82 (100)	0 (0)
When an EGID involves the small intestine, the general name should be “eosinophilic enteritis”	78 (95)	4 (5)
For the abbreviation for eosinophilic gastritis, should it be “EG” or “EoG”?	EoG: 72 (88)	EG: 10 (12)
For the abbreviation for eosinophilic colitis, should it be “EC” or “EoC”?	EoC: 72 (88)	EC: 10 (12)
For the abbreviation for eosinophilic enteritis, should it be “EEN” or “EoN”?	EoN 65 (79)	EEN: 17 (21)
It is desirable, but not required, to name specific locations of small bowel involvement, if these are known.	77 (94)	5 (6)
When an EGID involves the duodenum, the name should be “eosinophilic duodenitis”	76 (93)	6 (7)
The abbreviation for eosinophilic duodenitis should be “EoD”	75 (91)	7 (9)
When an EGID involves the jejunum, the name should be “eosinophilic jejunitis”	76 (94)	6 (7)
The abbreviation for eosinophilic jejunitis should be “EoJ”	73 (89)	9 (11)
When an EGID involves the ileum, the name should be “eosinophilic ileitis”	77 (94)	5 (6)
The abbreviation for eosinophilic ileitis should be “EoI”	74 (90)	8 (10)
The term “eosinophilic gastroenteritis” should be redefined and <u>only</u> used to indicate gastric <u>AND</u> small bowel involvement	68 (83)	14 (17)
The term “eosinophilic gastroenteritis” will no longer be used as the umbrella term for EGIDs	79 (96)	3 (4)
For EGIDs that involve the stomach and/or small bowel and/or the colon, and ALSO the esophagus, the term to indicate this should be “with esophageal involvement”	50 (61)	32 (39)
When more than two GI tract areas (outside of the esophagus) are involved, the name should reflect the involved areas (ie stomach + duodenum =	79 (96)	3 (4)

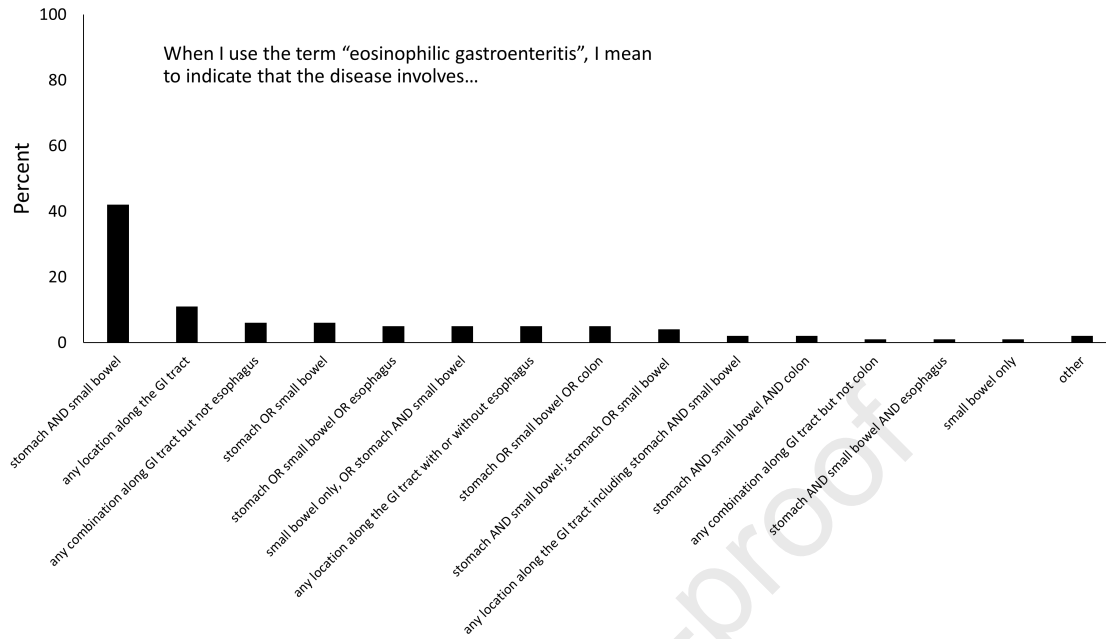
eosinophilic gastritis and duodenitis; duodenum + colon = eosinophilic duodenitis and colitis; etc)

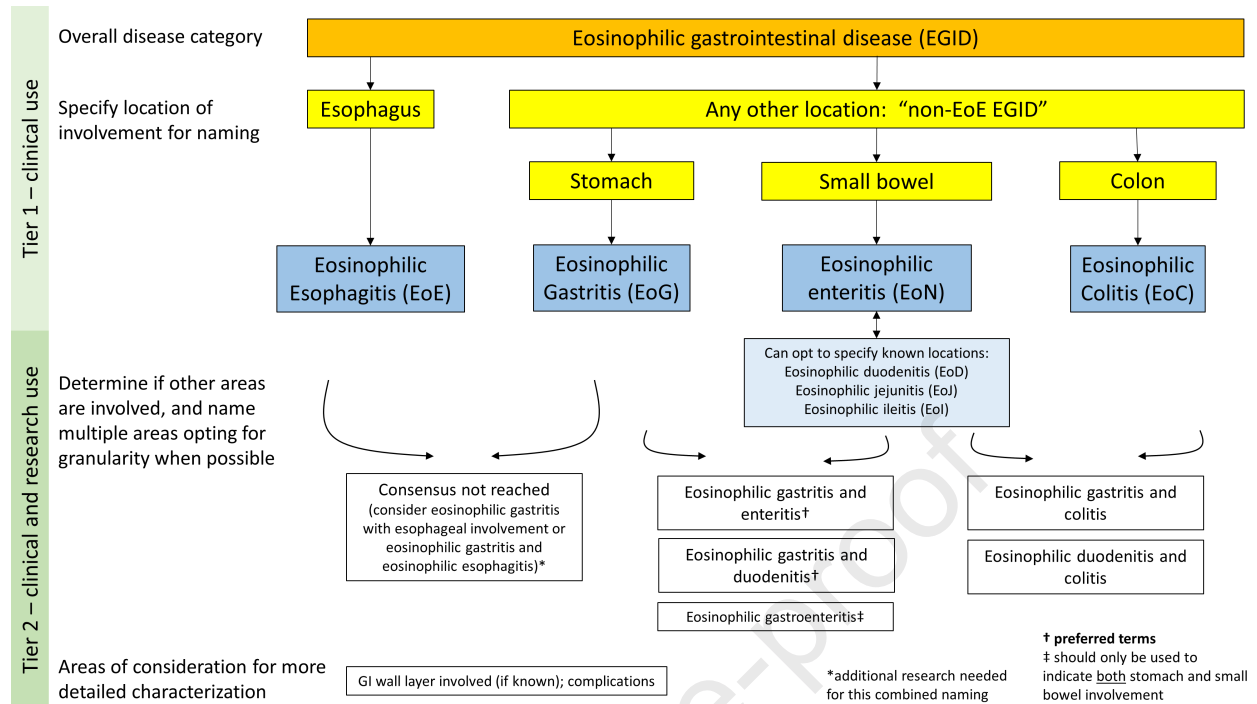
The GI wall layer of involvement (or if this is unknown) should be noted	65 (79)	17 (21)
Complications of EGIDs (for example, protein-losing enteropathy, ascites, or numerous others) should be noted	67 (82)	15 (18)
Any areas of the GI tract that are not investigated or have unknown involvement should be noted	53 (65)	29 (35)

**Figure 1.** Variability in responses for how the term “eosinophilic gastroenteritis” is used to reflect different areas of involvement in the GI tract.

**Figure 2.** Consensus nomenclature framework for eosinophilic gastrointestinal diseases (EGIDs). Note that for naming multiple involved GI segments, representative examples are provided but not all possible combinations are listed.







**What you need to know**

Background: There is substantial variability in terminology for naming eosinophilic gastrointestinal diseases (EGIDs), and there has been heterogeneous use of the catchall term “eosinophilic gastroenteritis” in both clinical settings and research studies.

Findings: This Delphi process, in which 91 experts participated, resulted in international consensus for a new nomenclature framework for EGIDs. “EGID” should now be used as the umbrella term for diseases of the GI tract with pathologic eosinophilic infiltration in the absence of secondary causes. Involvement of individual GI tract locations should be named specifically, and an “Eo” abbreviation convention should be used: EoG for eosinophilic gastritis, EoN for eosinophilic enteritis, and EoC for eosinophilic colitis; eosinophilic esophagitis remains EoE. The term “eosinophilic gastroenteritis” will no longer be used as an umbrella name.

Implications for patient care: Patients, clinicians, and researchers should use this new nomenclature. The first tier of nomenclature can be used routinely in clinical practice, while the second tier can be used clinically and in research. This more specific naming paradigm will allow more precise clinical phenotyping, which will inform guideline development and future research directions.

**Supplemental Table 1: Agreement data from round 1 of the Delphi voting process (n=85)**

The umbrella term for disorders of GI tract eosinophilic inflammation in the absence of secondary causes should be “eosinophilic gastrointestinal disease” (EGID)

Strongly agree: 58 (68)

Agree: 24 (28)

Neither agree nor disagree: 1 (1)

Disagree: 1 (1)

Strongly disagree: 1 (1)

When an EGID involves only the esophagus, the name should remain “eosinophilic esophagitis” (EoE)

Strongly agree: 69 (81)

Agree: 14 (16)

Neither agree nor disagree: 0 (0)

Disagree: 1 (1)

Strongly disagree: 1 (1)

When an EGID involves only the stomach, the name should be “eosinophilic gastritis”

Strongly agree: 56 (66)

Agree: 25 (19)

Neither agree nor disagree: 1 (1)

Disagree: 2 (2)

Strongly disagree: 1 (1)

The abbreviation for eosinophilic gastritis should be “EG”

Strongly agree: 44 (52)

Agree: 29 (25)

Neither agree nor disagree: 6 (6)

Disagree: 5 (6)

Strongly disagree: 0 (0)

When an EGID involves only the colon, the name should be “eosinophilic colitis”

Strongly agree: 55 (65)

Agree: 25 (30)

Neither agree nor disagree: 2 (2)

Disagree: 1 (10)

Strongly disagree: 1 (1)

The abbreviation for eosinophilic colitis should be “EC”

Strongly agree: 43 (51)

Agree: 30 (35)

Neither agree nor disagree: 8 (9)

Disagree: 4 (5)

Strongly disagree: 0 (0)

When an EGID involves the small intestine, the name should reflect the area(s) of involvement

Strongly agree: 26 (31)  
 Agree: 31 (37)  
 Neither agree nor disagree: 17 (20)  
 Disagree: 10 (12)  
 Strongly disagree: 1 (1)

When an EGID involves only the duodenum, the name should be “eosinophilic duodenitis”

Strongly agree: 30 (35)  
 Agree: 24 (40)  
 Neither agree nor disagree: 9 (11)  
 Disagree: 12 (14)  
 Strongly disagree: 0 (0)

The abbreviation for eosinophilic duodenitis should be “EoD”

Strongly agree: 28 (33)  
 Agree: 30 (36)  
 Neither agree nor disagree: 18 (21)  
 Disagree: 9 (11)  
 Strongly disagree: 0 (0)

When an EGID involves only the jejunum, the name should be “eosinophilic jejunitis”

Strongly agree: 27 (32)  
 Agree: 27 (33)  
 Neither agree nor disagree: 17 (20)  
 Disagree: 13 (0)  
 Strongly disagree: 0 (0)

The abbreviation for eosinophilic jejunitis should be “EoJ”

Strongly agree: 24 (28)  
 Agree: 30 (36)  
 Neither agree nor disagree: 20 (24)  
 Disagree: 11 (13)  
 Strongly disagree: 0 (0)

When an EGID involves only the ileum, the name should be “eosinophilic ileitis”

Strongly agree: 30 (35)  
 Agree: 29 (35)  
 Neither agree nor disagree: 14 (17)  
 Disagree: 12 (14)  
 Strongly disagree: 0 (0)

The abbreviation for eosinophilic ileitis should be “EoI”

Strongly agree: 23 (28)  
 Agree: 29 (35)  
 Neither agree nor disagree: 17 (21)  
 Disagree: 14 (17)

When an EGID is known to involve the entire small intestine, but only the small intestine, the name should be “eosinophilic pan-enteritis”

Strongly agree: 24 (29)  
 Agree: 26 (32)  
 Neither agree nor disagree: 15 (19)  
 Disagree: 16 (20)  
 Strongly disagree: 1 (1)

The abbreviation for eosinophilic pan-enteritis should be “EN”

Strongly agree: 5 (6)  
 Agree: 15 (18)  
 Neither agree nor disagree: 23 (28)  
 Disagree: 32 (39)  
 Strongly disagree: 9 (11)

The term “eosinophilic gastroenteritis” should be removed from the EGID nomenclature system

Strongly agree: 8 (10)  
 Agree: 21 (25)  
 Neither agree nor disagree: 21 (25)  
 Disagree: 25 (30)  
 Strongly disagree: 9 (11)

For EGIDs that involve the stomach and/or small bowel and/or the colon, and ALSO the esophagus, the term EoE should NOT be used

Strongly agree: 29 (34)  
 Agree: 32 (38)  
 Neither agree nor disagree: 10 (12)  
 Disagree: 11 (13)  
 Strongly disagree: 3 (4)

For EGIDs that involve the stomach and/or small bowel and/or the colon, and ALSO the esophagus, the term to indicate this should be “with esophageal involvement”

Strongly agree: 21 (25)  
 Agree: 42 (49)  
 Neither agree nor disagree: 10 (12)  
 Disagree: 10 (12)  
 Strongly disagree: 2 (2)

When more than two GI tract areas (outside of the esophagus) are involved, the name should reflect the involved areas (ie stomach + duodenum = eosinophilic gastritis and duodenitis; duodenum + colon = eosinophilic duodenitis and colitis; etc)

Strongly agree: 22 (26)  
 Agree: 43 (51)  
 Neither agree nor disagree: 11 (13)  
 Disagree: 8 (9)  
 Strongly disagree: 1 (1)

Eosinophilic gastritis can also be called “Gastric EGID” as a synonym

Strongly agree: 7 (8)  
Agree: 37 (44)  
Neither agree nor disagree: 13 (15)  
Disagree: 23 (27)  
Strongly disagree: 5 (6)

Eosinophilic duodenitis can also be called “Duodenal EGID” as a synonym

Strongly agree: 7 (8)  
Agree: 32 (38)  
Neither agree nor disagree: 17 (20)  
Disagree: 24 (28)  
Strongly disagree: 5 (6)

Eosinophilic jejunitis can also be called “Jejunal EGID” as a synonym

Strongly agree: 7 (8)  
Agree: 31 (36)  
Neither agree nor disagree: 18 (21)  
Disagree: 24 (28)  
Strongly disagree: 5 (6)

Eosinophilic ileitis can also be called “Ileal EGID” as a synonym

Strongly agree: 7 (8)  
Agree: 32 (38)  
Neither agree nor disagree: 17 (20)  
Disagree: 24 (28)  
Strongly disagree: 5 (6)

Eosinophilic pan-enteritis can also be called “Small bowel EGID” as a synonym

Strongly agree: 7 (8)  
Agree: 36 (42)  
Neither agree nor disagree: 15 (18)  
Disagree: 22 (26)  
Strongly disagree: 5 (6)

Eosinophilic colitis can also be called “Colonic EGID” as a synonym

Strongly agree: 8 (9)  
Agree: 38 (45)  
Neither agree nor disagree: 12 (14)  
Disagree: 8 (9)  
Strongly disagree: 5 (6)

The GI wall layer of involvement (or if this is unknown) should be included in the EGID nomenclature system with sub-codes

Strongly agree: 15 (18)  
Agree: 42 (49)  
Neither agree nor disagree: 17 (20)  
Disagree: 11 (13)  
Strongly disagree: 0 (0)

Complications of EGIDs (for example, protein-losing enteropathy, ascites, or numerous others) should be included in the EGID nomenclature system with sub-codes

Strongly agree: 15 (18)  
Agree: 40 (47)  
Neither agree nor disagree: 18 (21)  
Disagree: 10 (12)  
Strongly disagree: 2 (2)

Any areas of the GI tract that are not investigated or have unknown involvement should be included in the EGID nomenclature system with sub-codes

Strongly agree: 10 (12)  
Agree: 20 (24)  
Neither agree nor disagree: 30 (35)  
Disagree: 21 (25)  
Strongly disagree: 4 (5)