

## EGID References

### Eosinophilic Esophagitis, gastroenteritis, and colitis

- 1 Liacouras CA, Ruchelli E. Eosinophilic esophagitis. *Curr Opin Pediatr*. 2004 Oct;16(5):560-6.
2. Noel RJ, Putnam PE, Rothenberg ME. Eosinophilic esophagitis. *N Engl J Med*. 2004 Aug 26;351(9):940-1.
3. Dahms BB. Reflux esophagitis: sequelae and differential diagnosis in infants and children including eosinophilic esophagitis. *Pediatr Dev Pathol*. 2004 Jan-Feb;7(1):5-16. Review
4. Arora AS, Yamazaki K. Eosinophilic esophagitis: asthma of the esophagus? *Clin Gastroenterol Hepatol*. 2004 Jul;2(7):523-30. Review.
5. Ahmad M, Soetikno R, Ahmed A. The differential diagnosis of eosinophilic esophagitis. *J Allergy Clin Immunol* 2004;30(3):242-244
6. Fox V, Nurko S, Furuta G. Eosinophilic Esophagitis: It's not just kid's stuff *Gastrointestinal Endoscopy* 260-270, Vol 56, No 2, 2002
7. Furuta GT, Nurko S, Bousvaros A, et al. The spectrum of pediatric gastroesophageal reflux. *JAMA* 2000;284(24)
8. Liacouras CA. Eosinophilic esophagitis in children and adults. *J Pediatr Gastroenterol Nutr*. 2003 Nov-Dec;37 Suppl 1:S23-8
9. Liacouras C, Markowitz JE. Eosinophilic Esophagitis: A Subset of Eosinophilic Gastroenteritis. *Current Gastroenterology Reports*, 1999 1:253-258
10. Markowitz JE and Liacouras CA. Eosinophilic Esophagitis. *Gastroenterology Clinics of NA*. Sept 2003
11. Orenstein S, Shalaby T, DiLorenzo C, Putnam PE. The Spectrum of Pediatric Eosinophilic Esophagitis Beyond Infancy: A Clinical Series of 30 Children. *American Journal of Gastroenterology* 2000; 95:1422-1430
12. Sampson HA. Food Allergy. *J Allergy Clin Immunol*. 2003;111:S540-547
13. Straumann A, Spichtin HP, Grize L, Bucher KA, Beglinger C, Simon HU. Natural history of primary eosinophilic esophagitis: a follow-up of 30 adult patients for up to 11.5 years. *Gastroenterology*. 2003 Dec;125(6):1660-9
14. Walsh SV, Antonioli DA, Goldmann H, Fox VL, Bousvaros A, Leichtner AM, and Furuta GT. Allergic Esophagitis in Children. A Clinicopathological Entity. *American Journal of Surgical Pathology*1999, 23(4):390-396
15. Furuta G, Liacouras C, Collins M et al. Eosinophilic esophagitis in children and adults: a systematic review and consensus recommendations for diagnosis and treatment. *Gastroenterology*. 2007 Oct;133(4):1342-63

### Clinical Features

16. Sant'Anna AM, Rolland S, Fournet JC, Yazbeck S, Drouin E. Eosinophilic Esophagitis in Children: Symptoms, Histology and pH Probe Results. *J Pediatr Gastroenterol Nutr*. 2004 Oct;39(4):373-377
17. Lim JR, Gupta SK, Croffie JM, Pfefferkorn MD, Molleston JP, Corkins MR, Davis MM, Faught PP, Steiner SJ, Fitzgerald JF.. White specks in the esophageal mucosa: An endoscopic manifestation of non-reflux eosinophilic esophagitis in children. *Gastrointest Endosc*. 2004 Jun;59(7):835-8.
18. Straumann A, Spichtin HP, Bucher KA, Heer P, Simon HU. Eosinophilic esophagitis: red on microscopy, white on endoscopy. *Digestion*. 2004;70(2):109-16. Epub 2004 Sep 20.
19. Steiner SJ, Gupta SK, Croffie JM, Fitzgerald JF. Correlation between number of eosinophils and reflux index on same day esophageal biopsy and 24 hour esophageal pH monitoring. *Am J Gastroenterol*. 2004 May;99(5):801-5.
20. Attwood SEA, Smyrk TC, Demeester TR, Jones JB. Esophageal Eosinophilia with Dysphagia. A Distinct Clinicopathologic Syndrome. *Digestive Disease Science*, 1993, 38: 109-116
22. Brown LF, Goldman H, Antonioli DA. Intraepithelial Eosinophils in Endoscopic Biopsies of Adults with Reflux Esophagitis. *American Journal of Pathology*, 1984 8:899-905
22. Cheung KM, Oliver MR, Cameron DJ, Catto-Smith AG, Chow CW. Esophageal eosinophilia in children with dysphagia. *J Pediatr Gastroenterol Nutr*. 2003 Oct;37(4):498-503
23. Croese J, Fairley SK, Masson JW, Chong AK, Whitaker DA, Kanowski PA, Walker NI. Clinical and endoscopic features of eosinophilic esophagitis in adults. *Gastrointestinal Endosc*. 2003 Oct;58(4):516-22
24. Cury EK, Schraibman V, Faintuch S. Eosinophilic infiltration of the esophagus: gastroesophageal reflux versus eosinophilic esophagitis in children--discussion on daily practice. *J Pediatr Surg*. 2004 Feb;39(2):e4-7

25. Desai T, Goldstein N, Stecevic V, Badizadegan K, Furuta GT. Esophageal Eosinophilia is Common among Adults with Esophageal Food Impaction. *Gastroenterology*, 2002; 122:M1723
26. Khan S, Orenstein SR, DiLorenzo C, Kocoshis SA, Putnam PE, Sigurdsson L, Shalaby TM. Eosinophilic esophagitis: strictures, impactions, dysphagia. *Dig Dis Sci*. 2003 Jan; 48(1):22-9
27. Potter JW, Saeian K, Staff D, Massey BT, Komorowski RA, Shaker R, Hogan WJ. Eosinophilic esophagitis in adults: An emerging problem with unique esophageal features. *Gastrointestinal Endosc*. 2004 Mar; 59(3):355-61
28. Rothenberg ME, Mishra A, Collins MH, Putnam PE. Pathogenesis and Clinical Features of Eosinophilic Gastroenteritis. *Journal of Allergy and Clinical Immunology*, 2001, 108:891-894
29. Straumann A, Rossi L, Simon HU, Heer P, Spichtin HP, Beglinger C. Fragility of the esophageal mucosa: a pathognomonic endoscopic sign of primary eosinophilic esophagitis? *Gastrointestinal Endosc* 2003 Mar; 57(3):407-12
30. Vasilopoulos S, Murphy P, Auerbach A, Massey BT, Shaker R, Stewart E. et al. The Small-Caliber Esophagus: An Unappreciated Cause of Dysphagia for Solids in Patients with Eosinophilic Esophagitis. *Gastrointestinal Endoscopy*, 2002, 55:99-106
31. Gonsalves N, Policarpio-Nicolas M, Zhang Q et al. Histopathologic variability and endoscopic correlates in adults with eosinophilic esophagitis. *Gastrointest Endosc*. 2006 Sep; 64(3):313-9.

### **Etiology**

32. Braun-Fahrlander C, Riedler J, Herz U, et al. Environmental exposure to endotoxin and its relation to asthma in school-age children. *N Engl J Med* 2002; 347(12):869-876
33. Cury EK, Schraibman V, Faintuch S. Eosinophilic infiltration of the esophagus: gastroesophageal reflux versus eosinophilic esophagitis in children--discussion on daily practice. *J Pediatr Surg*. 2004 Feb; 39(2):e4-7.
34. Fogg, Rachelli, and Spergel. Pollen and Eosinophilic Esophagitis. *Journal of Allergy and Clinical Immunology*. 2003 Oct; 112(4):796-7.
35. Fox V, Nurko S, Teitelbaum JE, Badizadegan K, Furuta G. High resolution EUS in Children with Eosinophilic "Allergic" Esophagitis *Gastrointestinal Endoscopy*, 30-36, Vol. 57, No. 1 2003
36. Jean-Francois B. Mechanisms of disease - The effect of infections on susceptibility to autoimmune and allergic diseases *N Engl J Med* 2002; 347(12):911-918
37. Latcham F, Merino F, Lang A, et al. A consistence pattern of immunodeficiency and subtle enteropathy in children with multiple food allergy. *Journal of Pediatrics* 2003; 143(1)
38. Spergel JM, Beausoleil JL, Mascarenhas M, et al. The use of Skin Prick Tests and Patch Tests to identify causative foods in Eosinophilic Esophagitis. *Journal of Clinical Immunology* 2002, 109:363-368
39. Straumann A, Bauer M, Fischer B, Blaser K, Simon HU. Idiopathic Eosinophilic Esophagitis is Associated with a Th2-type Allergic Inflammatory Response. *Journal of Allergy and Clinical Immunology* 2001: 108:954-961
40. Straumann A, Simon H.-U. The physiological and pathophysiological roles of eosinophils in the gastrointestinal tract. *Allergy* 2004; 59:15-25
41. Weiss ST. Eat Dirt- The hygiene hypothesis and allergic diseases. *N Engl J Med* 2002; 347(12)
42. Blanchard C, Wang N, Stringer KF et al. Eotaxin-3 and a uniquely conserved gene-expression profile in eosinophilic esophagitis. *J Clin Invest*. 2006 Feb; 116(2):536-47.

### **Formula, Corticosteroids and other treatment**

43. Markowitz JE, Spergel JM, Ruchelli E, Liacouras CA. Elemental Diet is an Effective Treatment for Eosinophilic Esophagitis in Children and Adolescents. *American Journal of Gastroenterology*, 2003 Vol 98 No. 4, 777-782
44. Kelly K, Lazenby AJ, Rowe PC, Yardley JH, Perman JA, Sampson HA. Eosinophilic Esophagitis Attributed to Gastroesophageal Reflux: Improvement with an Amino Acid-Based Formula. *Gastroenterology*, 1995, 1503-1512
45. Gawrieh S, Shaker R. Treatment options for eosinophilic esophagitis: montelukast. *Curr Gastroenterol Rep*. 2004 Jun; 6(3):189
46. Attwood SE, Lewis CJ, Bronder CS, Morris CD, Armstrong GR, Whittam J. Eosinophilic oesophagitis: a novel treatment using Montelukast. *Gut*. 2003 Feb; 52(2):181-5.
47. Elkon KB, Sher R, Seftel HC. Immunological studies of eosinophilic gastro-enteritis and treatment with disodium cromoglycate and beclomethasone dipropionate. *S Afr Med J*. 1977 Nov 12; 52(21):838-41.
48. Friesen CA, Kearns GL, Andre L, et al. Clinical efficacy and pharmacokinetics of montelukast in

- Dyspeptic children with duodenal eosinophilia. *Journal of Ped Gastr and Nutr.* 2004; 38: 343-351
49. Heine RG. Pathophysiology, diagnosis and treatment of food protein-induced gastrointestinal diseases. *Curr Opin Allergy Clin Immunol.* 2004 Jun; 4(3): 221-9.
40. Khan S, Henderson WA. Treatment of Eosinophilic Esophagitis in Children. *Curr Treat Options Gastroenterol.* 2002 Oct; 5(5): 367-376
51. Khan S, Orenstein SR. Eosinophilic gastroenteritis: epidemiology, diagnosis and management. *Paediatr Drugs.* 2002; 4(9): 563-70. Review.
52. Kukuruzovic R, Elliott E, O'Loughlin E, Markowitz J. Non-surgical interventions for eosinophilic oesophagitis. *Cochrane Database Sys Rev* 2004; 3: CD004065
53. Liacouras CA, Wenner WJ, Brown K, Ruchelli E. Primary Eosinophilic Esophagitis in Children: Successful Treatment with Oral Corticosteroids. *Journal of Pediatric Gastroenterology and Nutriion.* 1998, 26: 380-385
54. Ruchelli E, Wenner W, Voytek T, Brown K, Liacouras C. Severity of Esophageal Eosinophilia Predicts Response to Conventional Gastroesophageal Reflux Therapy. *Pediatric and Developmental Pathology*, 1999. 2, 15-18.
55. Kagalwalla AF, Sentego TA, Ritz S et al. Effect of six-food elimination diet on clinical and histologic outcomes in eosinophilic esophagitis. *Clin Gastroenterol Hepatol.* 2006 Sep; 4(9): 1097-102.

### **Topical Steroid Therapy and EE**

56. Noel RJ, Putnam PE, Collins MH, Assa'ad AH, Guajardo JR, Jameson SC, Rothenberg ME. Clinical and immunopathologic effects of swallowed fluticasone for eosinophilic esophagitis. *Clin Gastroenterol Hepatol.* 2004 Jul; 2(7): 568-75.
57. Arora AS, Perrault J, Smyrk TC. Topical corticosteroid treatment of dysphagia due to eosinophilic esophagitis. *Mayo Clinic Proc.* 2003 Jul; 78(7): 830-5
58. Teitelbaum JE, Fox VL, Twarog FJ, Nurko S, Antonioli D, Gleich G, Badizadegan K, and Furuta GT. Eosinophilic Esophagitis in Children: Immunopathological Analysis and Response to Fluticasone Propionate. *Gastroenterology* 2002. 122: 1216-1225
59. Cave A, Arlett P, Lee E. Inhaled and nasal corticosteroids: factors affecting the risks of systemic adverse effects. *Pharmacol Ther.* 1999; 83(3): 153-79
60. Drake AJ, Howells RJ, Shield JPH, et al. Symptomatic adrenal insufficiency presenting with hypoglycemia in children with asthma receiving high dose inhaled fluticasone proprionate. *British Medical Journal* 2002; 324(7345): 1081-1082
61. Eid N, Morton R, Olds B, et al. Decreased morning serum cortisol levels in children with asthma treated with inhaled fluticasone proprionate. *Pediatrics* 2002; 110(5): 1030-1
62. England RW, Nugent JS, Grathwohl KW, et al. High-dose inhaled fluticasone and delayed hypersensitivity skin testing. *Chest* 2003; 123(4): 1014-1017
63. Falcoz C, Oliver R, McDowall JE, et al. Bioavailability of orally administered micronised fluticasone proprionate. *Clin Pharmacokinet* 2002; 39 Suppl 1: 9-15
64. Faubion, Jr. WA, Perrault J, Burgart LJ, Zein NN, Clawson M, Freese DK. Treatment of Eosinophilic Esophagitis with Inhaled Corticosteroids. *Journal of Pediatric Gastroenterology and Nutriion* 27: 90-93, July 1998
65. Harrison TW. Systemic availability of inhaled budesonide and fluticasone proprionate: healthy versus asthmatic lungs. *Bio Drugs* 2001; 15(6): 405-11
66. Howland WC 3rd. Fluticasone proprionate: topical or systemic effects? *Clin Exp* 1996; 26 Suppl 3: 18-22
67. Kemp JP, Osur S, Shrewsbury SB, et al. Potential effects of fluticasone proprionate on bone mineral density in patients with asthma: A 2-year randomized, double-blind, placebo-controlled trial. *Mayo Clinic Proc.* 2004; 79: 458-466
68. Krishnaswami S, Hochhaus G, Derendorf H. An interactive algorithm for the cumulative cortisol suppression during inhaled corticosteroid therapy. *AAPS PharmSci.* 2002; 2(3): E22
69. Mohammed A. Adrenal insufficiency after treatment with fluticasone: Dose-response curve should have been highlighted. *British Medical Journal* 2002; 325(7368): 837
70. Nguyen KL, Lauver D, Kim I, et al. The effect of a steroid "burst" and long-term, inhaled fluticasone proprionate on adrenal reserve. *Ann Allergy Asthma Immunol.* 2003; 9(1): 38-43
71. Noel RJ, Putnam PE, Collins MH, et al. A subset of children with refractory allergic eosinophilic esophagitis are resistant to swallowed fluticasone proprionate. *Pediatric Gastroenterol Nutr* 2002; 35(3): 447-456
72. Patel L, Clayton P. Adrenal insufficiency after treatment with fluticasone: Lowest possible dose of Glucocorticoids should be given. *British Medical Journal* 2002; 325(7368): 837-838

73. Thorsson L, Dahlstrom K, Edsbacker S, et al. Pharmacokinetics and systemic effects of inhaled fluticasone propionate in healthy subjects. *Br. Journ Clin Pharmacol* 1997;43(2):155-61

74. Konikoff MR, Noel RJ, Blanchard C et al. A randomized, double-blind, placebo-controlled trial of fluticasone propionate for pediatric eosinophilic esophagitis.

*Gastroenterology*. 2006 Nov;131(5):1381-91

75. Aceves S, Bastian RF, Newbury RO et al. Oral viscous budesonide: a potential new therapy for eosinophilic esophagitis in children. *Am J Gastroenterol*. 2007 Oct;102(10):2271-9

76. Remedios M, Campbell C, Jones DM et al. Eosinophilic esophagitis in adults: clinical, endoscopic, histologic findings, and response to treatment with fluticasone propionate.

*Gastrointest Endosc*. 2006 Jan;63(1):3-12.

#### **Food Allergies**

77. Sampson HA. Food Allergies. *J Allergy Clin Immunol* 2004;113:805-819.

78. Heine RG. Pathophysiology, diagnosis and treatment of food protein-induced gastrointestinal diseases. *Curr Opin Allergy Clin Immunol*. 2004 Jun;4(3):221-9.

79. Munoz-Furlong A. Daily Coping Strategies for Patients and their Families. *Pediatrics* 2002;111:165