

CURRICULUM VITAE

Kenneth Davin Fine, M.D.

BORN: November 16, 1962; St. Louis, Missouri

CURRENT ADDRESS, PHONE NUMBER, EMAIL:

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CURRENT PROFESSIONAL APPOINTMENTS:

Founder and Director of Operations and Medical Research
Intestinal Health Institute
10875 Plano Rd. Suite 123
Dallas, TX 75238

Founder and Medical Director
Enterolab Reference Laboratory
10875 Plano Rd. Suite 123
Dallas, TX 75238
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PREVIOUS ACADEMIC APPOINTMENTS:

Attending Physician and Staff Gastroenterologist 1992-2002
Department of Internal Medicine
Division of Gastroenterology
Baylor University Medical Center, Dallas

Staff Researcher, Division of GI Research 1992-2000
Baylor University Medical Center, Dallas

Attending Physician and Staff Gastroenterologist 1992-1998
Dallas VA Medical Center
Department of Internal Medicine
Division of Gastroenterology

Clinical Assistant Professor 1992-2000
University of Texas-Southwestern Medical School

UNDERGRADUATE EDUCATION:

University of Missouri - Kansas City

Degree: B.A. - Biology - 1985

Honors:

Deans List - 1981-83

Award for Academic Excellence, 1981-83

University of Missouri Scholar Award

Phi Kappa Phi Honor Society

Recipient of Phi Kappa Phi Fellowship - Local and National Awards

MEDICAL EDUCATION:

University of Missouri - Kansas City, School of Medicine

Degree: M.D. - 1986

Honors:

Alpha Omega Alpha Medical Honor Society

John Hunter Award for Excellence in Anatomy

Lange Medical Publications Student Award for Academic Excellence

Friends of UMKC Award for Basic Science Excellence

Missouri State Medical Association Award for Academic Excellence

POSTGRADUATE MEDICAL TRAINING:

INTERNSHIP and RESIDENCY: 7/1/86 - 6/30/89

Internal Medicine

Baylor University Medical Center

3500 Gaston Avenue

Dallas, TX 75246

John S. Fordtran, M.D., Program Director

Award for excellence in radiological diagnosis 1988 and 1989

FELLOWSHIP: 7/1/89 - 6/30/92

Gastroenterology - Research and Clinical

Baylor University Medical Center

3500 Gaston Avenue

Dallas, TX 75246

John S. Fordtran, M.D., Research Director

Daniel E. Polter, M.D., Clinical Director

Special Award for "perspicacity" in radiological diagnosis 1992

MEDICAL LICENSES:

Missouri 36788, Issued - August 1986

Texas H3040, Issued - July 1987

LICENSURE EXAMINATIONS:

National Board of Medical Examiners
Part I 1983
Part II 1985
Federal Licensure Examination 1987
Texas Medical Jurisprudence Exam 1987

BOARD CERTIFICATION:

American Board of Internal Medicine
Internal Medicine 1989
Gastroenterology 1993

MEDICAL SOCIETIES AND ASSOCIATIONS (Past Affiliations):

American College of Physicians
American Gastroenterologic Association

RESEARCH GRANT AWARDS:

1990 Biomedical Research Support Grant -
National Institutes of Health

1994 Smith Kline Beecham Clinical Research Award -
American Gastroenterological Association Foundation

1997 National Institutes of Health
Treatment of Microscopic Colitis

MEDICAL JOURNAL EDITORIAL BOARD POSITIONS:

Peptide Therapy: Index and Reviews 1997-2000
Baylor University Medical Center Proceedings 1996 - 2002

COMMUNITY SERVICE ACTIVITIES

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|---|--------------|
| Religious Singing for Local Synagogues | 1993-present |
| Medical Advisor to Local CSA Celiac Sprue Support Group | 1994-2004 |
| Organized and run a community organic food co-op | 2000-present |

PUBLICATIONS:

Journal Articles

1. Zarabi CM, Huntrakoon M, Fine KD. Disseminated rhabdomyosarcoma of the urinary bladder in an adult. *Southern Med J* 1987;80:526-529.
2. Fine KD. Arthritis in the elderly, is it degenerative or rheumatoid? *Baylor University Medical Center Proc* 1988;1:25-34.
3. Hammer HF, Fine KD, Santa Ana CA, Porter JL, Schiller LR, Fordtran JS. Carbohydrate malabsorption. Its measurement and its contribution to diarrhea. *J Clin Invest* 1990;86:1936-1944.
4. Fine KD. Benzodiazepine withdrawal. *Baylor University Medical Center Proc* 1991;4:27-30.
5. Fine KD, Santa Ana CA, Fordtran JS. Diagnosis of magnesium-induced diarrhea. *N Engl J Med* 1991;324:1012-1017.
6. Fine KD, Santa Ana CA, Porter JL, Fordtran JS. Intestinal absorption of magnesium from food and supplements. *J Clin Invest* 1991;88:396-402.
7. Fine KD, Fordtran JS. The effect of diarrhea on fecal fat excretion. *Gastroenterology* 1992;102:1936-1939.
8. Fine KD, Santa Ana CA, Porter JL, Fordtran JS. Effect of D-glucose on intestinal permeability and its passive absorption in the human small intestine in vivo. *Gastroenterology* 1993;105:1117-1125.
9. Fine KD, Santa Ana CA, Porter JL, Fordtran JS. Mechanism by which glucose stimulates the passive absorption of small solutes by the human jejunum in vivo. *Gastroenterology* 1994;107:389-395.
10. Emmett M, Hootkins RE, Fine KD, Santa Ana CA, Porter JS, Fordtran JS. Effect of three laxatives and a cation exchange resin on fecal sodium and potassium excretion. *Gastroenterology* 1995;108:752-760.
11. Fine KD, Solano M, Polter DE, Tillery GW. Malignant histiocytosis in a patient with hepatic dysfunction and peliosis hepatis. *Am J Gastroenterol* 1995;90:485-488.
12. Fine KD, Santa Ana CA, Porter JL, Fordtran JS. Effect of changing intestinal flow rate on a measurement of intestinal permeability. *Gastroenterology* 1995;108:983-989.
13. Wenzl HH, Fine KD, Schiller LR, Fordtran JS. Determinants of decreased fecal consistency in diarrhea. *Gastroenterology* 1995;108:1729-1738.

14. Fine KD. The prevalence of occult gastrointestinal bleeding in celiac sprue. *N Engl J Med* 1996;334:1163-1167.
15. Wenzl HH, Fine KD, Santa Ana CA, Porter JL, Fordtran JS. Effect of fludrocortisone and spironolactone on sodium and potassium losses in secretory diarrhea. *Dig Dis Sci* 1997;42:119-128.
16. Fine KD, Byrd TD, Stone MJ. Successful treatment of chronic severe neutropenia with weekly granulocyte-colony stimulating factor. *Br J Haematol* 1997; 97:175-178.
17. Fine KD, Meyer RL, Lee EL. The prevalence and causes of chronic diarrhea in celiac sprue treated with a gluten-free diet. *Gastroenterology* 1997; 112:1830-1838.
18. Fine KD, Lee EL. Efficacy of open-label bismuth subsalicylate for the treatment of microscopic colitis. *Gastroenterology*. 1998; 114:29-36.
19. Fine KD, Sarles HE, Cryer, B. Investigation of diarrhea caused by mesalamine in a patient with chronic non-granulomatous enterocolitis. *N Engl J Med*. 1998;338:923-925.
20. Fine KD, Ogunji F, George J, Niehaus MD, Guerrant RL. Utility of a rapid fecal latex agglutination test detecting the neutrophil protein, lactoferrin, for diagnosing inflammatory causes of chronic diarrhea. *Am J Gastroenterol* 1998;93:1300-1305.
21. Gruy-Kapral C, Emmett M, Santa Ana CA, Porter JL, Fordtran JS, Fine KD. Evaluation of cathartic-resin therapy for management of hyperkalemia. *J Am Soc Nephrol* 1998;9:1924-1930.
22. Fine KD, Meyer R, Lee EL. Colonic histopathology in untreated celiac sprue and refractory sprue: Is it lymphocytic colitis or colonic lymphocytosis? *Human Pathology* 1998;29:1433-1440.
23. Fine KD, Ogunji F, Florio R, Porter J, Santa Ana C. Investigation and diagnosis of diarrhea caused by sodium phosphate. *Dig Dis Sci* 1998;43:2708-2714.
24. Fine KD, Schiller LR. AGA technical review on the evaluation and management of chronic diarrhea. *Gastroenterology* 1999;116:1464-1486.
25. Fine KD, Stone MJ. Alpha-heavy chain disease, mediterranean lymphoma, and immunoproliferative small intestinal disease:a review of clinicopathologic features, pathogenesis, and differential diagnosis. *Am J Gastroenterol* 1999;94:1139-1152.

26. Fine KD, Nelson AC, Mossburg A, Ellington RT. Comparison of the color of fecal blood with the anatomical location of gastrointestinal bleeding lesions: potential misdiagnosis using only flexible sigmoidoscopy for bright red blood per rectum. *Am J Gastroenterol.* 1999;94:3202-3210.
27. Fine KD, Seidel RH, Do K. The prevalence, anatomic distribution, and diagnosis of colonic causes of chronic diarrhea. *Gastrointest Endosc.* 2000;51:318-326.
28. Fine KD, Ogunji F. A New Method of Quantitative Fecal Fat Microscopy and its Correlation with Chemically Measured Fecal Fat Output. *Am J Clin Pathol* 2000;113:528-534.
29. Fine K, Lafon G, Ogunji F, Do K, Schulte K, Osowski L, McCormack J, Guerra R. High Prevalence of Celiac Sprue-Like HLA-DQ Genes and Enteropathy in Patients with the Microscopic Colitis Syndrome. *Am J Gastroenterol* 2000;95:1974-1982.
30. Fine KD, Ogunji F, Saloum YA, Beharry S, Crippin JS, Weinstein JS. Celiac Sprue: Another Autoimmune Syndrome Associated with Hepatitis C *Am J Gastroenterol* 2001;96:138-145.

Chapters

1. Fine KD, Krejs GJ, Fordtran JS. Diarrhea, Chapter 20 in Sleisenger MH, Fordtran JS. *Gastrointestinal Disease. Pathophysiology, Diagnosis, Management*, 4th Edition. Philadelphia, W. B. Saunders Co., 1989.
2. Fine KD, Krejs GJ, Fordtran JS. Diarrhea, Chapter 49 in Sleisenger MH, Fordtran JS. *Gastrointestinal Disease. Pathophysiology, Diagnosis, Management*, 5th Edition. Philadelphia, W.B. Saunders Co., 1993.
3. Fine KD, Schiller LR. Diarrhea. In: *Consultations in Gastroenterology*. Snape W Jr, ed. Philadelphia, W.B. Saunders Co. (1996).
4. Fine KD. Diarrhea, Chapter 10 in Feldman M, Scharschmidt BF, Sleisenger MH. *Gastrointestinal Disease*. 6th Edition. Philadelphia, W.B. Saunders Co., 1998.

Abstracts

1. Fine KD, Santa Ana CA, Porter JL, Schiller LR, Fordtran JS. Evaluation of passive glucose absorption in the human jejunum in vivo. *Gastroenterology* 1991;100:A685(Abstr). (Oral presentation at Digestive Disease Week, 1991)
2. Brandabur JJ, Fine KD, Loeb PM, Miranda S, McCarthy JH. Pancreaticoduodenectomy - better results than expected. *Gastroenterology* 1991; 100:A352 (Abstr).
3. Fine KD and Lee EL. An Open Label Trial of Bismuth Subsalicylate for the

Treatment of Microscopic Colitis. *Gastroenterology* 1997; 112: A362 (Abstr).
(Oral presentation at Digestive Disease Week, 1997)

4. Fine K, Ogunji F, Lee E, Lafon G, Tanzi M. Randomized, Double-Blind, Placebo-Controlled Trial of Bismuth Subsalicylate for Microscopic Colitis. *Gastroenterology* 1999; 116: A880 (Abstr). (Oral presentation at Digestive Disease Week, 1999)
5. Fine K, Lafon G, Ogunji F, Do K, Schulte K, Osowski L, McCormack J, Guerra R. The Genetic and Histopathologic Relationship of Microscopic Colitis and Celiac Sprue or Refractory Sprue. *Gastroenterology* 1999; 116: A879 (Abstr).
(Oral presentation at Digestive Disease Week, 1999)
6. Fine KD, Ogunji FO, Saloum YA, Beharry S, Crippin JS, Weinstein JS. Celiac Sprue: Another Autoimmune Syndrome Associated with Hepatitis C. *Gastroenterology* 2000; 118: A697 (Abstr).
(Oral presentation at Digestive Disease Week, 2000)

Letters in Response to Journal Correspondence

1. Fordtran JS, Fine KD. Sodium-glucose cotransport and epithelial permeability. *Gastroenterology* 1994;107:319-324.
2. Fine KD. Occult gastrointestinal bleeding in celiac sprue. *N Engl J Med* 1996;335:752-753.
3. Fine KD. Chronic diarrhea in treated celiacs: Are they really celiacs? *Gastroenterology* 1998;114:420-421.
4. Fine KD. Microscopic and collagenous colitis in treated celiac disease due to food allergy? *Gastroenterology* 1999;116:778.
5. Fine KD. Colonoscopy and Chronic Diarrhea. *Gastrointestinal Endoscopy*. 2000;52:589-590.
6. Fine KD and Rostami K. Don't throw the baby out with the bath water. *BMJ* February 13, 2006 rapid response.

Editorials

1. Proximal Small Bowel Enteropathy in Patients with Microscopic Colitis: Is it Gluten Sensitive? *J Clin Gastroenterol* 2001;32:193-195.

Guest Editorship

1. The Successful Workup of Chronic Diarrhea. *Seminars in Gastrointestinal Disease*. 1999;10:131-180.