

# **GORDON D. LUK, M.D., F.A.C.P., F.A.C.G.**

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## CURRENT POSITIONS

Gastroenterologist, Digestive Health Associates of Texas, P.A., Dallas, Texas

Medical Staff, Harris Methodist HEB Hospital, Bedford, Texas

## EDUCATION

BA Degree, University of Pennsylvania, Philadelphia, PA

MD Degree, Harvard Medical School, Boston, MA

## TRAINING

Intern in Medicine, The Johns Hopkins Hospital, Baltimore, MD

Resident in Medicine, The Johns Hopkins Hospital, Baltimore, MD

Fellow in Gastroenterology, The Johns Hopkins University School of Medicine, Baltimore, MD

## LICENSURE & BOARD CERTIFICATION

Licensure - State of Texas

Board Certification - Diplomate, American Board of Internal Medicine

Board Certification - Diplomate, American Board of Internal Medicine, Gastroenterology

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### PREVIOUS POSITIONS HELD

Director, Colon Polyposis and Cancer Service, The Johns Hopkins Oncology Center, Baltimore, MD

Associate Professor of Medicine, The Johns Hopkins University School of Medicine, Baltimore, MD

Associate Professor of Oncology, The Johns Hopkins University School of Medicine, Baltimore, MD

Professor of Medicine, University of Texas Southwestern Medical Center, Dallas, TX

Chief of Gastroenterology, Department of Veterans Affairs Medical Center, Dallas, TX

### NATIONAL OR INTERNATIONAL APPOINTMENTS

Special Review Committee, National Cancer Institute (Pathobiology), Bethesda, MD

Special Review Committee, National Cancer Institute (Experimental Therapeutics), Bethesda, MD

Site Visit Committee, National Cancer Institute (Program Project Grants), Bethesda, MD

Technical Review Committee, National Cancer Institute (Chemoprevention), Bethesda, MD

Board of Governors, American College of Gastroenterology

Safety and Protocol Review Committee, Chemoprevention Branch, Division of Cancer Prevention and Control, National Cancer Institute, Bethesda, MD

Chair, Special Review Committee, National Cancer Institute (Chemoprevention), Bethesda, MD

Steering Committee, Gastroenterology Research Group

Councillor, Mid-West Section, American Federation for Clinical Research

Vice-Chair, Section on Gastrointestinal Oncology, American Gastroenterological Association

Councillor, Gastroenterology Subspecialty Section, Central Society for Clinical Research

National Cancer Institute Cancer Research Manpower Review Committee (STUDY SECTION)

Editor, Gastroenterology Research Group Newsletter

Training and Education Committee, American Gastroenterological Association

Chair, Section on Gastrointestinal Oncology, American Gastroenterological Association

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Chair, Gordon Research Conference on Polyamines

Program Committee, American Gastroenterological Association Annual Meeting

### MAJOR PROFESSIONAL SOCIETIES

Fellow, American College of Gastroenterology

Fellow, American College of Physicians, Fellow

American Gastroenterological Association

American Society for Gastrointestinal Endoscopy

Texas Society for Gastroenterology and Endoscopy

Texas Medical Association

Tarrant County Medical Society

### HONORS & AWARDS

Junior Faculty Research Award, Carnegie Mellon Foundation

Clinical Investigator Award, National Institutes of Health (NIADDKD)

Robins Research Scholar, American Gastroenterological Association/Industry Research Scholar Award

Faculty Research Award, American Cancer Society

Outstanding Teacher, Gastroenterology Fellowship, University of Texas Southwestern Medical Center,  
Dallas, TX

Best Doctors in Tarrant County, Fort Worth Magazine, 2009

## PUBLICATIONS

Authored greater than 200 articles and book chapters on digestive diseases

## SELECTED LIST OF PUBLICATIONS (out of greater than 200)

### BOOK

1. Luk, GD (Ed.): *Colorectal Cancer. Gastroenterology Clinics of North America*. WB Saunders Co., Philadelphia, 1988.

### SELECTED BOOK CHAPTERS

1. Hendrix TR and GD Luk: Malabsorption, in *The Principles and Practice of Medicine*, AM Harvey, RJ Johns, VA McKusick, AH Owens Jr, and RS Ross (Editors), Appleton-Century-Crofts, Norwalk, CT, pp 708-717, 1984.
2. Luk GD: Malabsorption, in *The Practice of Medicine. A Self-Assessment Guide*, S Margolis (Editor), Appleton-Century-Crofts, Norwalk, CT, pp 108-109, 1984.
3. Luk GD and TR Hendrix: Malabsorption, in *The Principles and Practice of Medicine*, AM Harvey, RJ Johns, VA McKusick, AH Owens, Jr., and RS Ross (Editors), Appleton & Lange, East Norwalk, Connecticut, pp 822-829, 1988.
4. Luk, GD: Colorectal Cancer, in *The Principles and Practice of Medicine*, AM Harvey, RJ Johns, VA McKusick, AH Owens, Jr., and RS Ross (Editors), Appleton & Lange, East Norwalk, Connecticut, pp 449-455, 1988.
5. Silverman AL, TK Desai and GD Luk: Scope of the Problem, in *Colorectal Cancer. Gastroenterology Clinics of North America*, GD Luk (Editor), WB Saunders Co., Philadelphia, pp 655-656, 1988.
6. Silverman AL, TK Desai, R Dhar, MN Ehrinpreis, JL Kinzie and GD Luk: Clinical Features, Evaluation, and Detection of Colorectal Cancer, in *Colorectal Cancer. Gastroenterology Clinics of North America*, GD Luk (Editor), WB Saunders Co., Philadelphia, pp 713-725, 1988.
7. Luk GD, TK Desai, CN Contreas, JA Moshier and AL Silverman: Biochemical Markers in Colorectal Cancer: Diagnostic and Therapeutic Implications, in *Colorectal Cancer. Gastroenterology Clinics of North America*, GD Luk (Editor), WB Saunders Co., Philadelphia, pp 931-940, 1988.

8. Luk GD, TK Desai, JL Kinzie and AL Silverman: Strategies for the Control of Colorectal Cancer, in *Colorectal Cancer. Gastroenterology Clinics of North America*, GD Luk (Editor), WB Saunders Co., Philadelphia, pp 941-945, 1988.
9. Gupta TP, Silverman AL, Desai TK and Luk GD: Prevention of Colon Cancer in Primary Care Practice, in *Prevention in Practice. Primary Care*, RC Burack (Editor), WB Saunders Co., Philadelphia, pp 157-175, 1989.
10. Silverman A, TK Desai and GD Luk: Biochemical Markers in Colonic Polyposis Syndrome, in *Familial Adenomatous Polyposis*, L Herrera (Editor), Alan R. Liss, New York, pp 289-297, 1990.
11. Luk GD: Colorectal Cancer Screening, in *Current Therapy in Gastroenterology and Liver Disease - 3*, TM Bayless (Editor), BC Decker, Philadelphia, pp 387-391, 1990.
12. Luk GD: Colonic Polyps: Benign and Premalignant Neoplasms of the Colon, in *Textbook of Gastroenterology*, Yamada T, Alpers DH, Owyang C, Powell DW, Silverstein FE (Editors), Lippincott, Philadelphia, pp 1645-1674, 1991.
13. Luk GD, Alousi M, Jones L, and Sakr W: Colonic Polyps: Benign and Premalignant Neoplasms of the Colon, in *Atlas of Gastroenterology*, Yamada T, Alpers DH, Owyang C, Powell DW, Silverstein FE (Editors), Lippincott, Philadelphia, pp 245-263, 1992.
14. Luk GD: Cancer Surveillance Strategies, in *Gastrointestinal Disease, Fifth Edition*, Sleisenger MH, Fordtran JS, Scharschmidt BD, Feldman M (Editors), W B Saunders, Orlando, pp 115-126, 1993.
15. Luk GD: Stomach Neoplasms, in *Colour Atlas of Diagnosis and Treatment in Gastroenterology*, Feldman M (Editor), Science Press, London, UK, 1994.
16. Luk GD: Colonic Polyps: Benign and Premalignant Neoplasms of the Colon, in *Textbook of Gastroenterology*, Yamada T, Alpers DH, Owyang C, Powell DW, Silverstein FE (Editors), Lippincott, Philadelphia, pp 1911-1943, 1995.
17. Luk, GD: Tumors of the Stomach, in *Gastrointestinal Disease, Sixth Edition*, Sleisenger MH, Fordtran JS, Scharschmidt BD, Feldman M (Editors), W B Saunders, Philadelphia, pp 733-757, 1998.
18. Macrae FA, Young GP, Luk GD, Alousi M, Jones L, and Sakr W: Colorectal Polyps: Benign and Premalignant, in *Atlas of Gastroenterology Second Edition*, Yamada T, Alpers DH, Laine L, Owyang C, Powell DW (Editors), Lippincott, Philadelphia, pp 376-394, 1999.
19. Luk GD: Malignant Tumors of the Colon, in *Clinical Practice of Gastroenterology*, Brandt LJ (Editor), Churchill Livingstone, Philadelphia, pp 762-772, 1999.
20. Luk GD: Adenomas and Carcinomas of the Stomach, in *Encyclopedia of Gastroenterology*, Johnson LR (Editor), Elsevier, San Diego, pp 1308-12, 2004.

### REVIEW ARTICLES

1. Luk GD and TE Bynum: Prophylaxis and prevention of viral hepatitis. *Johns Hopkins Med J* 144:127-134, 1979.
2. Luk GD: Prophylaxis against acute stress erosions. *S Med J* 73:424-426, 1980.
3. Luk, GD, AL Silverman, and FM Giardiello: Biochemical markers in patients with familial colonic neoplasia. *Semin Surg Oncol* 3:126-132, 1987.
4. Luk GD, JA Moshier and MN Ehrinpreis: Ornithine decarboxylase as a marker for colorectal polyps and cancer. *Prog Clin Biol Res* 279:227-239, 1988.
5. Luk GD: Epidemiology and etiology of colorectal neoplasia. *Current Opinion Gastroenterol* 8:19-24, 1992.
6. Luk GD: Epidemiology, etiology, and diagnosis of colorectal neoplasia. *Current Opinion Gastroenterol* 9:19-27, 1993.
7. Luk GD: Rolling review: Gastrointestinal malignancy. *Aliment Pharmacol Ther* 7:661-677, 1993.
8. Luk GD: Familial adenomatous polyposis. *Endoscopia Digestiva* 6:621-635, 1994.
9. Luk GD. Diagnosis and therapy of hereditary polyposis syndromes. *Gastroenterologist* 3: 153-167, 1995.
10. Luk GD. Prevention of Gastrointestinal cancer--the potential role of NSAIDs in colorectal cancer. *Schweiz Med Wochenschr.* 126:801-12, 1996.

### ORIGINAL OBSERVATIONS IN REFEREED JOURNALS

1. Luk GD, TE Bynum, and TR Hendrix: Gastric aspiration in localization of hemorrhage from the gastrointestinal tract. *JAMA* 241:576-578, 1979.
2. Luk GD, WJ Luk and TR Hendrix: Cimetidine and impaired renal function. *Ann Intern Med* 90:991-992, 1979.
3. Hsu SH, GD Luk, AJ Krush, SR Hamilton, and HH Hoover Jr: Multiclonal origin of polyps in Gardner syndrome. *Science* 221:951-953, 1983.
4. Luk GD and SB Baylin: Ornithine decarboxylase as a biologic marker in familial colonic polyposis. *New Engl J Med* 311:80-83, 1984.

5. Luk GD: Colonic polyps and acrochordons (skin tags) --lack of correlation in familial colonic polyposis kindreds. *Ann Intern Med* 104:209-210, 1986.
6. Traboulsi EI, AJ Krush, MS Elson, J. Gardner, SV Booker, GHA Offerhaus, JH Yardley, SR Hamilton, GD Luk, FM Giardiello, SB Welsh, JP Hughes, and IH Maumenee: Prevalence and importance of pigmented ocular fundus lesions in Gardner's Syndrome. *N Engl J Med* 316:661-667, 1987.
7. Offerhaus GJA, LS Levin, FM Giardiello, AJ Krush, SB Welsh, SV Booker, JF Hasler, VA McKusick, SR Hamilton, JH Yardley, and GD Luk: Occult radio-opaque jaw lesions in familial adenomatous polyposis coli and hereditary nonpolyposis colorectal cancer. *Gastroenterology* 93:490-7, 1987.
8. Giardiello FM, SB Welsh, SR Hamilton, AM Gittelsohn, GJA Offerhaus, SV Booker, AJ Krush, JH Yardley, and GD Luk: Increased risk of cancer in Peutz-Jeghers Syndrome. *N Engl J Med* 316:1511-1514, 1987.
9. Gupta TP, R Jaszewski and GD Luk: Efficacy of screening flexible sigmoidoscopy for colorectal neoplasia in asymptomatic subjects. *Amer J Med* 86:547-550, 1989.
10. Moshier JA, Gilbert JD, Skunca M, Dosesco J, Almodovar KM and Luk GD: Isolation and expression of a human ornithine decarboxylase gene. *J Biol Chem* 265:4884-4892, 1990.
11. Boland CR, Chen Y-F, Rinderle SJ, Resau JH, Luk GD, Lynch HT, and Goldstein IJ: Use of the lectin from *Amaranthus caudatus* as a histochemical probe of proliferating colonic epithelial cells. *Cancer Res* 51:657-665, 1991.
12. Tobi M, Darmon E, Rozen P, Epstein V, Konikoff F, Stadler J, Harpaz N, Fink A, Bentwich Z, Maliakkal B, and Luk GD: Oral colon lavage solutions containing polyethylene glycol may interfere with ELISA detection of tumor-associated antigens in colonic effluent. *Dig Dis Sci* 36:1448-1452, 1991.
13. Lans J, Jaszewski R, Arlow FL, Tureaud J, Colarian J, Luk GD, and Majumdar APN. Supplemental calcium suppresses mucosal ornithine decarboxylase activity in elderly patients with adenomatous polyps. *Cancer Res* 51:3416-3419, 1991.
14. Colarian J, Arlow FL, Calzada R, Luk GD, and Majumdar APN. Differential activation of ornithine decarboxylase and tyrosine kinase in the rectal mucosa of patients with hyperplastic and adenomatous polyps. *Gastroenterology* 100:1528-1531, 1991.
15. Phillips RW, Kikendall JW, Luk GD, Willis SM, Murphy JR, Maydonovitch C, Bowen P, Stacewicz-Sapuntzakis M, and Wong RKH. Beta carotene inhibits rectal mucosal ornithine decarboxylase activity in colon cancer patients. *Cancer Res* 53:3723-3725, 1993.
16. Greenberg ER, Baron JA, Tosteson TD, Freeman DH, Beck GJ, Bond JH, et al for the Polyp Prevention Study Group (...Luk GD and Sandler RS). A clinical trial of antioxidant vitamins to prevent colorectal adenoma. *N Engl J Med* 331:141-147, 1994.

17. Tobi M, Cats A, Maliakkal BJ, Kinzie JL, Maliakkal R, Dullaart RP, and Luk GD. Zollinger-Ellison syndrome, acromegaly, and colorectal neoplasia. *J Clin Gastroenterol.* 24:21-4, 1997.
18. Haley RW, Luk GD, and Petty F. Use of structural equation modeling to test the construct validity of a case definition of Gulf War syndrome: invariance over developmental and validation samples, service branches and publicity. *Psychiatry Res.* 102:175-200, 2001.
19. Kuwayama H, Iimuro M, Kitazumi Y, and Luk G. Virtual endoscopy: current perspectives. *J Gastroenterol.* 37 Suppl 13:100-105, 2002.

#### SELECTED PUBLISHED EDUCATIONAL MATERIALS

1. Luk GD: Familial polyposis - clinical and biologic perspectives. Audiovisual CME Series (Johns Hopkins Medical Grand Rounds), 7:4, October 1986.
2. Luk GD: Cancer surveillance for premalignant GI disorders. American College of Gastroenterology Postgraduate Course, 1990.
3. Luk GD: Chemotherapy of GI malignancies. American Gastroenterological Association Postgraduate Course, 1991.
4. Luk GD: Adenomatous polyposis coli. University of Texas Southwestern Medical Center Medical Grand Rounds, 1992.
5. Luk GD: Office screening for cancer of the GI tract. University of Texas Southwestern Medical Center Intensive Review of Medicine, 1992.
6. Luk GD: Pathogenesis and early diagnosis of gastric cancer. American Gastroenterological Association Postgraduate Course, 1992.
7. Luk GD: NSAIDs and colorectal cancer. University of Texas Southwestern Medical Center Medical Grand Rounds, 1994.
8. Luk GD: Aspirin and colorectal cancer. University of Texas Southwestern Medical Center Medical Grand Rounds, 1996.
9. Green PH and Luk GD: Early gastric cancer. American Gastroenterological Association Postgraduate Course, pp367- 386, 2001.