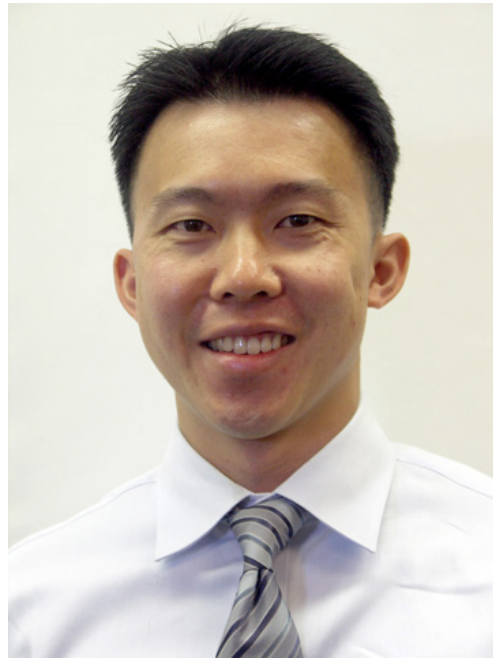


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Research Projects

Active projects

Association between HIV, gastrointestinal inflammation, systemic inflammation, and colorectal cancer

CT radiation exposure and the risk of cancer

Quality in health services delivery: colorectal cancer screening, stage at presentation and outcomes, and complications of colonoscopy

Techniques Used

Epidemiological studies using large databases – UNOS, SEER, Medicare, VA, etc.

Diagnostic testing techniques, risk reclassification, logistical and survival models

Randomized controlled trials

Histopathological and molecular characterization of colorectal tissue

Decision analytic modeling

Education

- 1993 – 1997 Pomona College, B.A. *Magna Cum Laude*, Chemistry
- 1997 – 2002 Harvard Medical School, M.D.
- 2006 – 2008 University of California, San Francisco, M.A.S., Epidemiology & Biostatistics

Training

- 2000 – 2001 Beijing Medical University, Research Scholar
- 2002 National Taiwan University, Visiting Scholar
- 2002 – 2005 Harbor-UCLA Medical Center, Residency, Medicine
- 2005 – 2008 University of California, San Francisco, Fellowship, Gastroenterology

Certification

- 2003, Medical licensure, California, A84310
- 2005, Board Certification, Internal Medicine
- 2008, Board Certification, Gastroenterology and Hepatology

Memberships and Affiliations

- American Association for the Study of Liver Diseases
- American Society of Gastrointestinal Endoscopy
- American Gastroenterological Association

- American College of Gastroenterology

Selected Publications

- **Somsouk M**, Lauer GM, Casson D, Terella A, Day CL, Walker BD, Chung RT. Spontaneous resolution of chronic HCV disease following withdrawal of immunosuppression. *Gastroenterology* 124:7, 1946-1949, 2003.
- Delgado-Borrego A, Casson D, Schoenfeld D, **Somsouk M**, Terella A, Jordan SH, Bhan A, Baid S, Cosimi AB, Pascual M, Chung RT. HCV is independently associated with increased insulin resistance following liver transplantation. *Transplantation* 77:703-10, 2004.
- Ma XT, Wang S, Ye YJ, Du RY, Cui ZR, **Somsouk M**. Constitutive activation of Stat3 signaling pathway in human colorectal carcinoma. *World J Gastroenterology* 10:1569-73, 2004.
- Steinmetz WE, Sparrow A, **Somsouk M**. Determination of the three-dimensional, solution-phase structure of the macrolide antibiotic oxolide in CD₂Cl₂ and D₂O from NMR constraints. *Magn Reson Chem.* 43:16-20, 2005.
- **Somsouk M**, Inadomi JM, Yee HF. A Cost-Identification Analysis of Screening and Surveillance of Hepatitis C Infection in a Prospective Cohort of Dialysis Patients. *Digestive Diseases & Sciences*, 53(4):1093-9, 2008.
- **Somsouk M**, Gralnek IM, Inadomi JM. Obscure Gastrointestinal Bleeding: A Cost-Minimization Analysis of Alternative Strategies. *Clinical Gastroenterology and Hepatology*, 6(6):661-70, 2008.
- Inadomi JM, **Somsouk M**, Madanick RD, Shaheen NJ. Radiofrequency ablation is more cost-effective than endoscopic surveillance, photodynamic therapy or esophagectomy among patients with Barrett's esophagus and high-grade dysplasia. *Gastroenterology* 136(7):2101-14, 2009.
- Guy J, **Somsouk M**, Shiboski S, Kerlan R, Inadomi JM, Biggins SW. New Model for End Stage Liver Disease Improves Prognostic Capability After Transjugular Intrahepatic Portosystemic Shunt. *Clinical Gastroenterology and Hepatology*, June 26, 2009.
- **Somsouk M**, Yee HF, Biggins SW. Understanding Liver Health Using the National Center for Health Statistics. *Digestive Diseases and Sciences*, May 8, 2009.
- **Somsouk M**, Guy J, Biggins SW, Kohn MA, Vittinghoff E, Inadomi JM. Ascites Improves upon Serum Sodium and MELD for Predicting Mortality in Patients with Advanced Liver Disease. *Alimentary Pharmacology and Therapeutics* 30(7):741-8, 2009