



Ajay V. Maker, MD

Advocate Illinois Masonic Medical Center is pleased to announce the addition of surgical oncologist Ajay V. Maker, MD, to our medical staff. His expertise will help our team diagnose cancer, determine its stage of development, and provide cutting edge technology, including laparoscopic (minimally invasive) surgery, to surgically remove tumors.

Dr. Maker is a board-certified surgical oncologist and an assistant professor of surgery at the University of Illinois in Chicago. He has a special interest and training in the management of cancers of the liver, pancreas, stomach, skin (melanoma), soft tissue (sarcomas), endocrine system, colon and rectum.

His oncology research involves using a patient's own immune system to develop innovative treatment approaches for primary and metastatic tumors. He has considerable experience in immunotherapy for melanoma and his current lab is investigating immunologic approaches to metastatic disease. He has a strong clinical interest in combining surgery, systemic chemotherapy and regional therapies to treat tumors that have spread extensively, and has developed laparoscopic (minimally invasive) approaches to surgery, including liver and pancreatic resections.

Clinical Interests:

- Surgical oncology
- Liver cancer
- Pancreatic cancer
- Whipple procedure for pancreatic cancer
- Colon cancer
- Stomach cancer
- Melanoma
- Soft tissue sarcomas and GI stromal tumors (GIST)

Biography Information:

- **Medical School:**
Yale University
- **General Surgery Residency:**
Brigham and Women's Hospital/
Harvard Medical School
- **Surgical Oncology Fellowships:**
National Cancer Institute/National Institutes
of Health (NCI/NIH)
Memorial Sloan-Kettering Cancer Center,
New York, NY
- **Certification:**
American Board of Surgery

Selected Honors and Awards:

- **Philippe Foundation Grant for the Study of Minimally Invasive Liver and Pancreatic Surgery**, IMM, Paris, France 2010
- **American Society of Clinical Oncology (ASCO) Foundation Merit Award** 2010
- **Society of Surgical Oncology Award for the Most Cited Annals of Surgical Oncology Article** 2008
- **Excellence in Teaching Award**, Faulkner Hospital/Brigham and Women's Hospital
- **American Society of Clinical Oncology (ASCO) Foundation Merit Award** 2007
- **American College of Surgeons Award of Distinction** 2006
- **Mannick Research Award**, Brigham and Women's Hospital Department of Surgery 2005
- **Society of Surgical Oncology Best Clinical Research Award**, SSO Annual Meeting 2005
- **Association for Academic Surgery/Novartis Research Award** 2001
- **Alpha Omega Alpha Honor Medical Society**
- **"Gold Medal in Surgery"** Yale School of Medicine 2001
- **ADA Medical Scholar Award** 2000
- **Societies and Organizations:** American College of Surgeons, Society of Surgical Oncology, American Society of Clinical Oncology

Selected Recent Publications (Recent Papers):

- **Ajay V. Maker** and Dennis P. Orgill. Rapid Acute Amiodarone Induced Hepatotoxicity in a Burn Patient. *Journal of Burn and Rehabilitation*. 26(4):341-3. 2005.
- **Ajay V. Maker** and Dao Nguyen. Malignant Pleural Effusions as Viewed Through the Thoracoscope. *Annals of Thoracic Surgery*. 80(5):1941. 2005.
- **Maker AV**, Phan GQ, Attia P, Yang JC, Sherry RM, Topalian SL, Kammula US, Royal RE, Haworth LR, Levy C, Kleiner D, Mavroukakis SA, Yellin M, Rosenberg SA. Tumor Regression and Autoimmunity in Patients Treated with CTLA-4 Blockade and IL-2: A Phase I/II Study. *Annals of Surgical Oncology*. 12(12):1005-16. 2005.
- Attia P, **Maker AV**, Haworth LR, Freezer-Rogers L, Rosenberg, SA. Inability of a Fusion Protein of IL-2 and Diphtheria Toxin (Denilukin Diftitox, ONTAK) to Eliminate Regulatory T Lymphocytes in Patients with Melanoma. *Journal of Immunotherapy*. 28(6):582. 2005.
- **Maker AV**, Attia P, Rosenberg SA. Analysis of the Cellular Mechanism of Anti-Tumor Responses and Autoimmunity in Patients Treated with CTLA-4 Blockade. *Journal of Immunology*. 175(11):7746-54. 2005.
- **Maker AV**, Yang JC, Sherry RM, Topalian SL, Kammula US, Royal RE, Restifo NP, Yellin M, Haworth LR, Levy C, Allen T, Mavroukakis SA, Attia P, Rosenberg SA. Intra-patient Dose Escalation of Anti-CTLA-4 Antibody in Patients with Metastatic Melanoma. *Journal of Immunotherapy*. 29(4):455-463. 2006.
- **Maker AV**, Raut C, Lee L, Clancy T, Russell S, Swanson R. Cytology from Pancreatic Cysts is of Marginal Utility in Surgical Decision Making. *Annals of Surgical Oncology*. 15(11):3187-92. 2008.
- **Maker AV**, Warth JA, Zinner MJ. Novel Presentation of a Familial Pancreatic Cancer Syndrome. *Journal of Gastrointestinal Surgery*. 13(6):1151-4. 2009.
- Rudloff U, **Maker AV**, Brennan M, Allen P, Randomized Controlled Trials in Pancreatic Cancer. In: *Surgical Oncology Clinics of North America*. 19(1):115-150.2010.
- **Maker AV**, Katabi N, Gonen M, DeMatteo RP, D'Angelica MI, Fong Y, Jarnagin WR, Brennan MF, Allen P. Cyst Fluid Mucin Levels Predict Dysplasia in Intraductal Papillary Mucinous Neoplasms of the Pancreas (IPMN). *Ann Surg Onc*. 2010

Recent Book Chapters

- **Maker AV**, Blumgart L, D'Angelica M, Hepatic Resection. In: Surgical management of hepatobiliary and pancreatic disorders, 2nd Edition. 2009. (in press)
- **Maker AV**, Covey A, Jarnagin W, Liver Anatomy: Variant Venous Anatomy – Implications for Resection. In: Venous Embolization of the Liver: Radiological and Surgical Practice. 2009 (in press)

To schedule a new patient appointment:

1.800.3.ADVOCATE (1.800.323.8622)

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