

CURRICULUM VITAE

YANGHEE WOO, MD, FACS

Associate Clinical Professor; Vice Chair, International Affairs; Director, GI Minimally Invasive Therapies
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PROFESSIONAL EXPERIENCE, POSITIONS & EMPLOYMENT

7/2015-Present **Associate Clinical Professor**, Division of Surgical Oncology, Department of Surgery City of Hope National Medical Center, Duarte, CA
7/2015-Present **Director**, GI Minimally Invasive Therapies, Department of Surgery
7/2016-Present **Vice Chair**, International Affairs, Department of Surgery
1/2016-Present Member, Cancer Immunotherapeutics, City of Hope National Cancer Center
1/2016-Present Member, Theronautics Modularity Group

08/2011- 6/2015 Director, Center for Global Excellence in Gastric Cancer Care, Columbia University, College of Physicians and Surgeons, New York, NY
7/2013 – 6/2015 Assistant Professor of Surgery, Department of Surgery, Columbia University, College of Physicians and Surgeons, New York, NY
7/2011- 6/2013 Instructor, Department of Surgery, Columbia University, College of Physicians and Surgeons, New York, NY

II. POST GRADUATE EDUCATION AND TRAINING

Clinical Fellowship **Yonsei University College of Medicine**, Severance Hospital, Seoul, South Korea
7/2010 – 6/ 2011 International Upper GI/Robotic Surgery Fellow, Department of Surgery
Residency **Columbia Presbyterian Medical Center**, New York, NY
7/2007 – 6/2010 Categorical General Surgery Resident, Department of Surgery
Thomas C. King Educational Chief Resident (2009-2010)
Research Fellowship **Memorial Sloan Kettering Cancer Center**, New York, NY
7/2005 -6/2007 Research Fellow, Laboratory of Yuman Fong, Department of Surgery
Internship/Residency **St. Vincent's Catholic Medical Centers**, New York, NY
7/2003 – 6/2004 Categorical Intern / Resident PGY I, II, Department of Surgery
Elected delegate to the Committee of Interns and Residents (3/2004 – 3/2005)

I. EDUCATION

University **Princeton University**, Princeton, NJ, Bachelor of Arts in Politics (8/1991 – 5/1995) Certificate in East Asian Studies
Harvard University Extension School Cambridge, MA, Health Careers Program.
Post-baccalaureate studies (1996-1998)
Teaching Assistant, Chemistry Department (9/1997-8/1999)
Medical School **Drexel University College of Medicine** Philadelphia, PA, USA
Medical Doctor (M.D.) (8/1999-5/2003)
Co-director, Healthcare Outreach Project (2/2000 – 2/2001)
Chapter Treasurer, Christian Medical and Dental Association (2/2001- 2/2002)

SERVICE TO PROFESSION

Professional Organizations

Korean American Graduate Medical Association, President (2017&2018); American College of Surgeons, Fellow (2013-Present); Society of American Gastrointestinal and Endoscopic Surgeons (SAGES); Member of the Robotic Surgery Task Force Committee (2015-2018); International Gastric Cancer Association 2013- Present; G-6+ International Gastric Cancer Surgeons Collaborative Group, **Founding Member** (2012-present); Association of American Cancer Research, Member (2014-Present); Society of Surgical Oncology; Member, Upper GI Disease Group, Society of Surgical Oncology 2017-2020

GRANTS/RESEARCH SUPPORT

ACTIVE GRANTS

- COH-Caltech Biomedical Research Initiative Award (PI)** 08/01/2016-04/31/2018
Title: Quantifying and Improving Patient Safety in Robotic Surgery
- Surgery Department Start-up Grant (Principal Investigator)** 07/01/2017-6/30/2020
Title: Molecular Staging of Gastric Cancer: Validation of miRNA and protein panel predictive of survival after surgery

COMPLETED GRANTS

- NIH/NCI: 1R21CA182965-01A1 (PI)**
Title: Radiolabeled Trastuzumab to Improve Diagnosis and Staging of HER2+ Gastric Cancer
Department of Surgery Start Up Grants, Columbia University Medical Center (PI)
Title: Significance of the decrease in global methylation in premalignant gastric lesions
Title: Expanding the role of fluorescence imaging to demarcate margins in robotic pancreatic surgery
Clinical & Translational Studies Pilot Award, Irving Institute, Columbia University Medical Center, NY (PI)
Title: Study evaluating the effect of denervation of the stomach in preventing the progression of gastric cancer and its recurrence.
Funding from Korean Medical Program – Holy Name Hospital (PI)
Title: To evaluate the risk of gastric cancer in at risk Korean American population living in the United States for prevention and early detection of gastric cancer.
5R01 CA093405 (Co-investigator, 3% effort)
“Role of Inflammation in Mouse Models of Gastric Cancer”

IX. PUBLICATIONS

Select Peer Reviewed Publications of 41 Total

1. **Woo Y**, Goldner B, Son T, Song K, Fong Y, Hyung WJ. Western Validation of a Novel Gastric Cancer Prognosis Prediction Model in US Gastric Cancer Patients. *J Am Coll Surg*. 2017 Dec 22. [Epub ahead of print]
2. Desiderio J, Chao J, Melstrom L, Warner S, Tozzi F, Fong Y, Parisi A, **Woo Y**. The 30-year experience-A meta-analysis of randomised and high-quality non-randomised studies of hyperthermic intraperitoneal chemotherapy in the treatment of gastric cancer. *Eur J Cancer*. 2017 Jul;79:1-14. PMID: 28456089
3. **Woo Y**, Behrendt CE, Trapp G, Hyun JG, Gonda T, Fong Y, Wang T. Screening endoscopy finds high prevalence of *Helicobacter pylori* and intestinal metaplasia in Korean American with limited access to health care. *J Surg Oncol*. 2017 Aug;116(2):172-176.
4. **Woo Y**, Goldner B, Ituarte P, Lee B, Melstrom L, Son T, Noh SH, Fong Y, Hyung WJ. Lymphadenectomy with Optimum of 29 Lymph Nodes Retrieved Associated with Improved Survival in Advanced Gastric Cancer: A 25,000-Patient International Database Study. *J Am Coll Surg*. 2017 Apr;224(4):546-555.
5. **Woo Y**, Son T, Song K, Okumura N, Hu Y, Cho GS, Kim JW, Choi SH, Noh SH, Hyung WJ. A Novel Prediction Model of Prognosis After Gastrectomy for Gastric Carcinoma: Development and Validation Using Asian Databases. *Ann Surg*. 2016 Jul;264(1):114-20. PMID: 26945155
6. **Woo Y**, Choi GH, Min BS, Hyung WJ. Novel application of simultaneous multi-image display during complex robotic abdominal procedures. *BMC Surg*. 2014 Mar 15;14:13.
7. **Woo Y**, Hyung WJ, Pak KH, Obama K, Noh SH. Successful cholecystectomy during robotic gastrectomy. *Minim Invasive Ther Allied Technol*. 2012 Jul;21(4):276-81. PMID: 22049943.
8. **Woo Y**, Hyung WJ, Obama K, Kim HI, Pak KH, Son T, Noh SH. Elevated high-sensitivity C-reactive protein, a marker of advanced stage gastric cancer and postgastrectomy disease recurrence. *J Surg Oncol*. 2012 Mar 15;105(4):405-9. PMID: 22025360.
9. **Woo Y**, Hyung WJ, Kim HI, Obama K, Son T, Noh SH. Minimizing hepatic trauma with a novel liver retraction method: a simple liver suspension using gauze suture. *Surg Endosc*. 2011 Dec;25(12):3939-45. PMID: 21656069.
10. **Woo Y**, Hyung WJ, Pak KH, Inaba K, Obama K, Choi SH, Noh SH. Robotic gastrectomy as an oncologically sound alternative to laparoscopic resections for the treatment of early-stage gastric cancers. *Arch Surg*. 2011 Sep;146(9):1086-92. PMID: 21576595.
11. Dalal KM, **Woo Y**, Kelly K, Galanis C, Gonen M, Fong Y, Coit DG. Detection of micrometastases in peritoneal washings of gastric cancer patients by the reverse transcriptase polymerase chain reaction. *Gastric Cancer*. 2008;11(4):206-13. PMID: 19132482.
12. Kelly KJ and **Woo Y** (co-first authorship), Brader P, Yu Z, Riedl C, Lin SF, Chen N, Yu YA, Rusch VW, Szalay AA, Fong Y. Novel oncolytic agent GLV-1h68 is effective against malignant pleural mesothelioma. *Hum Gene Ther*. 2008 Aug;19(8):774-82.
13. **Woo Y**, Kelly KJ, Stanford MM, Galanis C, Chun YS, Fong Y, McFadden G. Myxoma virus is oncolytic for human pancreatic adenocarcinoma cells. *Ann Surg Oncol*. 2008 Aug;15(8):2329-35.