

Curriculum Vitae

Full Name Seung Hun Jang

Business Address

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Education

Seoul National University Medical College, Seoul, Korea, 1987-1993, M.D.

Seoul National University Medical College, Seoul, Korea, 1995-1997, M.S.

Seoul National University Medical College, Seoul, Korea, 2001-2003, Ph.D.

Training

Internship, Seoul National University Hospital, Seoul, Korea, 1993-1994

Residency, Medicine, Seoul National University Hospital, Seoul, Korea, 1994-1998

Fellowship, Pulmonary and critical care medicine, Seoul National University
Hospital, Seoul, Korea, 2001-2002

Visiting scientist, Herbert Irving Comprehensive Cancer Center and Department
of Medicine in Columbia University Medical Center, New York, USA, 2007-2008

Appointments

Flight Surgeon, Korean Air Force. 1998-2001

Instructor in Internal Medicine, Division of Pulmonary, Allergy and Critical Care
Medicine, Hallym University Sacred Heart Hospital, Anyang, Korea, 2002-2003

Assistant professor in Internal Medicine, Division of Pulmonary, Allergy and
Critical Care Medicine, Hallym University Sacred Heart Hospital, Anyang, Korea,
2003-2008

Associate professor in Internal Medicine, Division of Pulmonary, Allergy and
Critical Care Medicine, Hallym University Sacred Heart Hospital, Anyang, Korea,
2008-present

Board Certification

Medical doctor, 1993

Internal medicine, 1998

Pulmonary medicine, 2003

Critical care medicine, 2008

Academic activity

A regular member of the Korean Association of Internal Medicine

A regular member of the Korean Academy of Tuberculosis and Respiratory Diseases

A regular member of the Korean Association for the Study of Lung Cancer

A regular member of the Asian Pacific Society of Respiriology

A regular member of the Korean Society of Critical Care Medicine

Clinical and Research Interests

1. Lung cancer

Lung cancer is not yet conquered despite enormous efforts and expense. It is emerging as a leading cause of death in Korea. I made a database of lung cancer for systematic approach about it, especially making an effort to find the prognostic and predictive factors for lung cancer. I also participate in several clinical trials for the optimal treatment.

2. Chronic cough

In this field, I am interested in several aspects of chronic cough such as causes, methods for economic approaching and effective management. The causes of chronic cough in Korea are quite different from western society. I am trying to find out the efficacy of corticosteroid for the treatment of chronic cough and also have a plan to research the biochemical aspect of several categories of chronic cough.

Recent Publications (selected)

Jeon G, Jang SH, Song HG, Ha JW, Eom KS, Bahn JW, Kim DG, Shin TR, Park SM, Park YB, Kim CH, Hyun IG, Jung KS. Diagnostic performance of routine objective tests and cost-effective approach for chronic cough. *Tuberc Respir Dis.* 57(6):499-506, 2004.

Eom KS, Jeon G, Shin TR, Jang SH, Bahn JW, Lee JY, Park YB, Kim CH, Jeon MJ, Park SM, Kim DG, Lee MG, Hyun IG, Jung KS. Clinical investigation of recurrent pneumonia in adults-analysis of patients from Hallym university medical center. *Tuberc Respir Dis.* 57(1):47-54, 2004.

Jang SH, Seol JY, Kim CH, Yoo CG, Kim YW, Han SK, Shim YS, Lee CT. Additive effect of TRAIL and p53 gene transfer on apoptosis of human lung cancer cell lines. *Int J Mol Med.* 13(1):181-6, 2004.

Yoo JY, Kim DG, Eom KS, Shin TR, Park YB, Lee JY, Jang SH, Bahn JW, Kim CH, Park SM, Lee MG, Hyun IG, Lee KM, Jung KS. The role of respiratory viral infections in exacerbation of asthma and chronic obstructive pulmonary disease (COPD). *Tuberc Respir Dis.* 59(5):497-503, 2005.

Lee KH, Jang SH, Lee JH, Eom KS, Bahn JW, Kim DG, Shin TR, Park SM, Lee MG, Kim CH, Hyun IG, Jung KS. The role of inhaled corticosteroid in the management of chronic cough. *Tuberc Respir Dis.* 60(2):221-7, 2006.

Kim JH, Jang YS, Eom KS, Hwang YI, Kang HR, Jang SH, Kim CH, Park YB, Lee MG, Hyun IG, Jung KS, Kim DG. Transforming growth factor beta1 induces epithelial-to-mesenchymal transition of A549 cells. *J Korean Med Sci.* 2007;22(5):898-904.

Kim CH, Kim DG, Kang HR, Choi JH, Lee, CY, Hwang YI, Shin TR, Park SM, Park YB, Lee JY, Jang SH, Kim CH, Mo EK, Lee MG, Hyun IG, Jung KS, Choi YJ, Lee JW. A trial of aerosolized colistin for the treatment of nosocomial pneumonia due to multi-drug resistant *Acinetobacter baumannii*. *Tuberc Respir Dis.* 64(2):102-8, 2008.

Kim JK, Jang SH, Lee JW, Kim DG, Hong KW, Jung KS. Clinical parameters affecting prediction accuracy of postoperative lung function in non-small cell lung cancer. *Interact Cardiovasc Thorac Surg.* 2008;7(6):1019-23.

Kim CH, Kim DG, Park SH, Choi JH, Lee CY, Hwang YI, Shin TR, Park SM, Park YB, Lee JY, Jang SH, Kim CH, Mo EK, Lee MG, Hyun IG, Jung KS. Incidence of

immunoglobulin G subclass deficiencies in patients with bronchiectasis and the clinical characteristics of patients with immunoglobulin G subclass deficiency and bronchiectasis. *Tuberc Respir Dis.* 66(4):295-9, 2009.

Park S, Cho GY, Kim SG, Hwang YI, Kang HR, Jang SH, Kim DG, Song YR, Bae YA, Jung KS. Brain natriuretic peptide levels have diagnostic and prognostic capability for cardio-renal syndrome type 4 in intensive care unit patients. *Crit Care.* 2009 May 15;13(3):R70.

Kim CH, Mo EK, Park SH, Hwang YI, Jang SH, Park YB, Kim CH, Kim DG, Lee MG, Hyun IG, Jung KS. Usefulness of the pleural fluid adenosine deaminase with lymphocyte/neutrophil ratio in the diagnosis of tuberculous pleurisy for a region of intermediate prevalence of tuberculosis. *Tuberc Respir Dis.* 66(6):437-43, 2009.

Son KM, Jang SH, Kang HR, Han B, Kim JH, Kim HS, Park SH, Hwang YI, Kim DG, Jung KS. Role of methacholine PC20 in FEF25-75% for the diagnosis of bronchial asthma. *Tuberc Respir Dis.* 67(4):311-7, 2009.

Hwang YI, Kim CH, Kang HR, Shin T, Park SM, Jang SH, Park YB, Kim CH, Kim DG, Lee MG, Hyun IG, Jung KS. Comparison of the prevalence of chronic obstructive pulmonary disease diagnosed by lower limit of normal and fixed ratio criteria. *J Korean Med Sci.* 2009;24(4):621-6.

Han B, Jang SH, Kim YJ, Park S, Hwang YI, Kim DG, Kim CH, Hyun IG, Jung KS. The efficacy of inhaled corticosteroid on chronic idiopathic cough. *Tuberc Respir Dis.* 2009;67(5):422-9.

Choi JH, Lee KW, Kang HR, Hwang YI, Jang S, Kim DG, Kim CH, Hyun IG, Shin TR, Park SM, Lee MG, Lee CY, Park YB, Jung KS. Clinical efficacy of direct DNA sequencing analysis on sputum specimens for early detection of drug-resistant *Mycobacterium tuberculosis* in a clinical setting. *Chest.* 2010;137:393-400