

CURRICULUM VITAE



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Position: Clinical Assistant Professor

Institution: Seoul National University Hospital

Location: Seoul, Korea

Education:

1998~2000 Pre-medical course, Seoul National University, Seoul, Korea

2000~2005 M.D. Medical College, Seoul National University

2010~2018 Ph.D. Medical College, Seoul National University

Representative Careers:

2006~2010 Resident,

Dep. of Radiation Oncology, Seoul National University Hospital

2013~2014 Clinical Fellow,

Dep. of Radiation Oncology, Seoul National University Hospital

2014~2016 Attending Director

Dep. of Radiation Oncology

Dongnam Institute of Radiological and Medical Sciences (DIRAMS)

2016~ Clinical Assistant Professor

Dep. of Radiation Oncology, Seoul National University Hospital

Specialty & Present Interest:

Specialty: Radiation Oncology in gastrointestinal and gynecologic cancer

Research interest

- Image Guided Radiotherapy (SBRT and Brachytherapy)
- Radiation toxicity
- Radiation sensitizer
- Precision medicine in radiation oncology

Representative papers (up to 5):

1. Kang HC, Chie EK, Kim HJ, Kim JH, Kim IH, Kim K, Shin BU, Ma E. A phthalimidoalkanamide derived novel DNMT inhibitor enhanced radiosensitivity of A549 cells by inhibition of homologous recombination of DNA damage. *Invest New Drugs*.2019 (accepted)
2. Kim DY, Kim IH, Yoon SS, Kang HJ, Shin HY, Kang HC. Effect of dose rate on pulmonary toxicity in patients with hematolymphoid malignancies undergoing total body irradiation. *Radiat Oncol*. 2018 Sep;13(1):E180
3. Kim E, Wu HG, Park JM, Kim JI, Kim HJ, Kang HC. Lung density change after SABR: A comparative study between tri-Co-60 magnetic resonance-guided system and linear accelerator. *PLoS One*. 2018 Apr 2;13(4):e0195196
4. Kang HC, Kim CY, Han JH, Choe GY, Kim JH, Kim JH, Kim IA. Pseudoprogression in patients with malignant gliomas treated with concurrent temozolomide and radiotherapy: potential role of p53. *J Neurooncol*.2011;102(1):157-162
5. Kang HC, Shin KH, Park SY, Kim JY. 3D CT-based high-dose-rate brachytherapy for cervical cancer: clinical impact on late rectal bleeding and local control. *Radiother Oncol*. 2010;97(3):507-513.