Curriculum Vitae

(Last updated: 2020-07-11)

Chang Min Park, MD., Ph.D.

Education and Training

1992 - 1998. Seoul National University College of Medicine (M.D.)

1998 - 1999. Internship, Seoul National University Hospital,

1999 - 2003. Residency in Radiology, Seoul National University Hospital

2001 - 2003. Seoul National University College of Medicine (M.S.)

2003 - 2006. Army Force Seoul District Hospital, Chairman of Radiology Department,

2006 – 2006. Clinical Fellowship in Radiology, Seoul National University Hospital

2006 – 2008. Clinical Instructor, Seoul National University Hospital

2006 – 2008. Seoul National University College of Medicine (Ph.D.)

Professional Experience

2008 – 2014. Assistant Professor in Radiology Department, Seoul National University

Hospital

2014 – 2015. Visiting Scholar of Duke University Medical Center, Durham, NC, US

2019 – Present. Associate Professor, Seoul National University Medical College

Publications in SCI (E) Journals: 189 (109)

(Name in bold indicates the corresponding author or first author.)

1. Yang BR, Kim MS, Park CM, Yoon SH, Chae KJ, Lee J. Patterns of percutaneous transthoracic needle biopsy (PTNB) of the lung and risk of PTNB-related severe pneumothorax: A nationwide population-based study. PLoS One. 2020 Jul 10;15(7):e0235599. doi: 10.1371/journal.pone.0235599

2. Lee JH, **Park CM**. Differentiation of persistent pulmonary subsolid nodules with a solid component smaller than 6 mm: to be invasive adenocarcinoma or not to be? J Thorac Dis. 2020 May;12(5):1754-1757. doi: 10.21037/jtd-20-1645.

3. Kim JH, Kim JY, Kim GH, Kang D, Kim IJ, Seo J, Andrews JR, **Park CM**. Clinical Validation of a Deep Learning Algorithm for Detection of Pneumonia on Chest Radiographs in Emergency Department Patients with Acute Febrile Respiratory Illness. J Clin Med. 2020 Jun 24;9(6):E1981. doi: 10.3390/jcm9061981.

4. Kim H, Goo JM, Lee KH, Kim YT, **Park CM**. Preoperative CT-based Deep Learning Model for Predicting Disease-Free Survival in Patients with Lung Adenocarcinomas. Radiology. 2020 Jul;296(1):216-224. doi: 10.1148/radiol.2020192764.

5. Hwang EJ, **Park CM**. Clinical Implementation of Deep Learning in Thoracic Radiology: Potential Applications and Challenges. Korean J Radiol. 2020 May;21(5):511-525. doi: 10.3348/kjr.2019.0821.

6. Lee JH, Lim WH, Hong JH, Nam JG, Hwang EJ, Kim H, Goo JM, **Park CM**. Growth and Clinical Impact of 6-mm or Larger Subsolid Nodules after 5 Years of Stability at Chest CT. Radiology. 2020 May;295(2):448-455. doi: 10.1148/radiol.2020191921.

7. Hwang EJ, Hong JH, Lee KH, Kim JI, Nam JG, Kim DS, Choi H, Yoo SJ, Goo JM, **Park CM**. Deep learning algorithm for surveillance of pneumothorax after lung biopsy: a multicenter diagnostic cohort study. Eur Radiol. 2020 Jul;30(7):3660-3671. doi: 10.1007/s00330-020-06771-3.

8. Yoon SH, Lee KH, Kim JY, Lee YK, Ko H, Kim KH, Park CM, Kim YH. Chest Radiographic and CT Findings of the 2019 Novel Coronavirus Disease (COVID-19): Analysis of Nine Patients Treated in Korea. Korean J Radiol. 2020 Apr;21(4):494-500. doi: 10.3348/kjr.2020.0132.

9. Kim H, Lee D, Cho WS, Lee JC, Goo JM, Kim HC, **Park CM.** CT-based Deep Learning Model to Differentiate Invasive Pulmonary Adenocarcinomas Appearing as Subsolid Nodules Among Surgical Candidates: Comparison of the Diagnostic Performance With a Size-Based Logistic Model and Radiologists. Eur Radiol. 2020 Jun;30(6):3295-3305. doi: 10.1007/s00330-019-06628-4

10. Kim H, **Park CM**, Goo JM. Test-retest Reproducibility of a Deep Learning-Based Automatic Detection Algorithm for the Chest Radiograph. Eur Radiol 2020. April;30(4): 2346-2355. doi: 10.1007/s00330-019-06589-8

11. Kim H, Goo JM, Kim YT, **Park CM**. Validation of the eighth edition clinical T categorization system for clinical stage IA resected lung

adenocarcinomas: Prognostic implications of the ground-glass opacity component. J Thorac Oncol. 2020 Apr;15(4):580-588. doi: 10.1016/j.jtho.2019.12.110.

12. Suh YJ, **Park CM**, Han K, Jeon SK, Kim H, Hwang EJ, Lee JH, Paeng JC, Lee CH, Kim YT, Goo JM. Utility of FDG PET/CT for Preoperative Staging of Non-Small Cell Lung Cancers Manifesting as Subsolid Nodules With a Solid Portion of 3 cm or Smaller. AJR Am J Roentgenol. 2020 Mar 214 (3):514-523. DOI: 10.2214/AJR.19.21811

13. Sin S, Yun SY, Kim JM, Park CM, Cho J, Choi SM, Lee J, Park YS, Lee SM, Yoo CG, Kim YW, Han SK, Lee CH. Mortality risk and causes of death in patients with non-cystic fibrosis bronchiectasis. Respir Res. 2019 Dec 3;20(1):271. doi: 10.1186/s12931-019-1243-3.

14. Hwang EJ, Nam JG, Lim WH, Park SJ, Jeong YS, Kang JH, Hong EK, Kim TM, Goo JM, Park S, Kim KH, **Park CM**. Deep Learning for Chest Radiograph Diagnosis in the Emergency Department. Radiology. 2019 Dec;293(3):573-580. doi: 10.1148/radiol.2019191225.

15. Kim H, Goo JM, Kim YT, **Park CM**. Consolidation-to-tumor ratio and tumor disappearance ratio are not independent prognostic factors for the patients with resected lung adenocarcinomas. Lung Cancer. 2019 Sep 17;137:123-128. doi: 10.1016/j.lungcan.2019.09.014

16. Chae KJ, Hong H, Yoon SH, Hahn S, Jin GY, Park CM, Goo JM. Non-diagnostic Results of Percutaneous Transthoracic Needle Biopsy: A Meta-analysis. Sci Rep. 2019 Aug 27;9(1):12428

17. Kim H, Goo JM, Kim YT, **Park CM**. CT-defined Visceral Pleural Invasion in T1 Lung Adenocarcinoma: Lack of Relationship to Disease-Free Survival. Radiology. 2019 Sep;292(3):741-749. doi: 10.1148/radiol.2019190297.

18. Lee KH, Lim KY, Suh YJ, Hur J, Han DH, Kang MJ, Choo JY, Kim C, Kim JI, Yoon SH, Lee W, **Park CM**. Diagnostic Accuracy of Percutaneous Transthoracic Needle Lung Biopsies: A Multicenter Study. Korean J Radiol. 2019 Aug;20(8):1300-1310. doi: 10.3348/kjr.2019.0189.

19. Kim H, Goo JM, Paeng JC, Kim YT, **Park CM**. Evaluation of maximum standardized uptake value at fluorine-18 fluorodeoxyglucose positron emission tomography as a complementary T factor in the eighth edition of lung cancer stage classification. Lung Cancer. 2019 Aug;134:151-157. doi: 10.1016/j.lungcan.2019.06.013

20. Hwang EJ, **Park CM**. Persistent pulmonary subsolid nodules: How long should they be observed until clinically relevant growth occurs? J Thorac Dis. 2019 May;11(Suppl 9):S1408-S1411.

21. **Park CM**. Can Artificial Intelligence Fix the Reproducibility Problem of Radiomics? Radiology. 2019 Aug;292(2):374-375. doi: 10.1148/radiol.2019191154.

22. Nam JG, Goo JM, Park CM, Lee HJ, Lee CH, Yoon SH. Age- and gender-specific disease distribution and the diagnostic accuracy of CT for resected anterior mediastinal lesions. Thorac Cancer. 2019;10(6):1378–1387. doi:10.1111/1759-7714.13081

23. Kim H, Goo JM, Kim YT, **Park CM**. Clinical T categorization in stage IA lung adenocarcinomas: prognostic implications of CT display window settings for solid portion measurement. Eur Radiol. 2019 Nov;29(11):6069-6079. doi: 10.1007/s00330-019-06216-6.

24. Ahn SY, **Park CM**, Yoon SH, Kim H, Goo JM. Learning Curve of C-Arm Cone-beam Computed Tomography Virtual Navigation-Guided Percutaneous Transthoracic Needle Biopsy. Korean J Radiol. 2019 May;20(5):844-853. doi: 10.3348/kjr.2018.0555.

25. Lee SM, Lee KW, Kim MA, Song YS, Goo JM, **Park CM**. Serial Texture Analyses on ADC Maps for Evaluation of Antiangiogenic Therapy in Rat Breast Cancer. Anticancer Res. 2019 Apr;39(4):1875-1882. doi: 10.21873/anticanres.13295.

26. Prakash O, Park CM, Khare A, Jeon M, Gwak J. Multiscale fusion of multimodal medical images using lifting scheme based biorthogonal wavelet transform Optik 2019 April; 182:995-1014

27. Ho TKK, Gwak J, Park CM, Song JI. Discrimination of Mental Workload Levels From Multi-Channel fNIRS Using Deep Leaning-Based Approaches. IEEE Access. 2019 Feb;7:24392-24403

28. Hwang EJ, Park S, Jin KN, Kim JI, Choi SY, Lee JH, Goo JM, Aum J, Yim JJ, Cohen JG, Ferretti GR, **Park CM**; DLAD Development and Evaluation Group. Development and Validation of a Deep Learning-Based Automated Detection Algorithm for Major Thoracic Diseases on Chest

Radiographs. JAMA Netw Open. 2019 Mar 1;2(3):e191095. doi: 10.1001/jamanetworkopen.2019.1095.

29. Yoon SH, **Park CM**, Lee KH, Lim KY, Suh YJ, Im DJ, Hur J, Han DH, Kang MJ, Choo JY, Kim C, Kim JI, Hong H. Analysis of Complications of Percutaneous Transthoracic Needle Biopsy Using CT-Guidance Modalities In a Multicenter Cohort of 10568 Biopsies. Korean J Radiol. 2019 Feb;20(2):323-331. doi: 10.3348/kjr.2018.0064

30. Kim H, Goo JM, Kim YT, **Park CM**. Clinical T Category of Non-Small Cell Lung Cancers: Prognostic Performance of Unidimensional versus Bidimensional Measurements at CT. Radiology. 2019 Mar;290(3):807-813. doi: 10.1148/radiol.2019182068.

31. Lee KH, Lim KY, Suh YJ, Hur J, Han DH, Kang MJ, Choo JY, Kim C, Kim JI, Yoon SH, Lee W, **Park CM**. Nondiagnostic Percutaneous Transthoracic Needle Biopsy of Lung Lesions: A Multicenter Study of Malignancy Risk. Radiology. 2019 Mar;290(3):814-823. doi: 10.1148/radiol.2018181482.

32. Kim H, **Park CM**, Gwak J, Hwang EJ, Lee SY, Jung J, Hong H, Goo JM. Effect of CT Reconstruction Algorithm on the Diagnostic Performance of Radiomics Models: A Task-Based Approach for Pulmonary Subsolid Nodules. AJR Am J Roentgenol. 2019 Mar;212(3):505-512. doi: 10.2214/AJR.18.20018.

33. Hwang EJ, Park S, Jin KN, Kim JI, Choi SY, Lee JH, Goo JM, Aum J, Yim JJ, **Park CM**; DLAD Development and Evaluation Group. Development and Validation of a Deep Learning-Based Automatic Detection Algorithm for

Active Pulmonary Tuberculosis on Chest Radiographs. Clin Infect Dis. 2019 Aug 16;69(5):739-747.

34. Lee JH, **Park CM**, Joo I, Suh YJ, Hwang EJ, Kim H, Goo JM. Thoracic recurrence in patients with curatively-resected colorectal cancer: incidence, risk factors, and value of chest CT as a postoperative surveillance tool. Eur Radiol. 2019 Aug;29(8):4303-4314. doi: 10.1007/s00330-018-5712-8.

35. Nam JG, Park S, Hwang EJ, Lee JH, Jin KN, Lim KY, Vu TH, Sohn JH, Hwang S, Goo JM, **Park CM**. Development and Validation of Deep Learning-based Automatic Detection Algorithm for Malignant Pulmonary Nodules on Chest Radiographs. Radiology. 2019 Jan;290(1):218-228. doi: 10.1148/radiol.2018180237.

36. Kim H, Goo JM**, Park CM**. A simple prediction model using size measures for discrimination of invasive adenocarcinomas among incidental pulmonary subsolid nodules considered for resection. Eur Radiol. 2019 Apr;29(4):1674-1683. doi: 10.1007/s00330-018-5739-x.

37. Kim H, Goo JM, Suh YJ, Park CM, Kim YT. Implication of total tumor size on the prognosis of patients with clinical stage IA lung adenocarcinomas appearing as part-solid nodules: Does only the solid portion size matter? Eur Radiol. 2019 Mar;29(3):1586-1594. doi: 10.1007/s00330-018-5685-7.

38. Ahn SY, Yoon SH, Yang BR, Kim YT, Park CM, Goo JM. Risk of pleural recurrence after percutaneous transthoracic needle biopsy in stage I non-

small-cell lung cancer. Eur Radiol. 2019 Jan;29(1):270-278. doi: 10.1007/s00330-018-5561-5.

39. Kim H, Goo JM, Suh YJ, Hwang EJ, Park CM, Kim YT. Measurement of multiple solid portions in part-solid nodules for T categorization: Evaluation of prognostic implication. J Thorac Oncol. 2018 Dec;13(12):1864-1872. doi: 10.1016/j.jtho.2018.09.023.

40. Kim H, Kwon D, Yoon SH, Kim H, Park CM, Goo JM, Jeon YK, Ahn SY. Bronchovascular injury associated with clinically significant hemoptysis after CT-guided core biopsy of the lung: Radiologic and histopathologic analysis. PLoS One. 2018 Sep 21;13(9):e0204064. doi: 0.1371/journal.pone.0204064.

41. Lim H, **Park CM**, Yoon SH, Bae JS, Goo JM. Cone-Beam CT Virtual Navigation-Guided Perc12utaneous Needle Biopsy of Suspicious Pleural Metastasis: A Pilot Study. Korean J of Radiol. 2018;19(5):872-879

42. Kim H, **Park CM**, Yoon SH, Hwang EJ, Lee JH, Ahn SY, Goo JM. Open Bronchus Sign on CT: A Risk Factor for Hemoptysis after Percutaneous Transthoracic Biopsy. Korean J of Radiol. 2018 Sep-Oct;19(5):880-887

43. Kim H, **Park CM**, Kang CK, Yoon J, Chae KJ, Goo JM. Effect of CT Acquisition Parameters on Iodine Density Measurement at Dual-Layer Spectral CT. AJR Am J Roentgenol. 2018 Oct;211(4):748-754. doi: 10.2214/AJR.17.19381

44. Hwang EJ, Shin CI, Choi YH, **Park CM**. Frequency, outcome, and risk factors of contrast media extravasation in 142,651 intravenous contrast-

enhanced CT scans. Eur Radiol. 2018 Dec;28(12):5368-5375. doi: 10.1007/s00330-018-5507-y

45. Kim H, **Park CM**, Jeon S, Lee JH, Ahn SY, Yoo RE, Lim HJ, Park J, Lim WH, Hwang EJ, Lee SM, Goo JM. Validation of prediction models for risk stratification of incidentally detected pulmonary subsolid nodules: a retrospective cohort study in a Korean tertiary medical centre. BMJ Open. 2018 May 24;8(5):e019996. doi: 10.1136/bmjopen-2017-019996.

46. Kim H, Goo JM, Park CM. Evaluation of T categories for pure ground-glass nodules with semi-automatic volumetry: is mass a better predictor of invasive part size than other volumetric parameters? Eur Radiol. 2018 Oct;28(10):4288-4295. doi: 10.1007/s00330-018-5440-0.

47. Lee KH, Lee KW, Park JH, Han K, Kim J, Lee SM, Park CM. Nodule Classification on Low-Dose Unenhanced CT and Standard-Dose Enhanced CT: Inter-Protocol Agreement and Analysis of Interchangeability. Korean J Radiol. 2018 May-Jun;19(3):516-525

48. Kim H, **Park CM**. Current perspectives for the size measurement of screening-detected lung nodules. J Thorac Dis. 2018 Mar;10(3):1242-1244

49. Kim YS, Yoon SH, Choi YH, Park CM, Lee W, Goo JM. Nausea and vomiting after exposure to non-ionic contrast media: incidence and risk factors focusing on preparatory fasting. Br J Radiol. 2018 Jul;91(1087):20180107. doi: 10.1259/bjr.20180107.

50. Lim WH, Shin CI, Chang JM, Sohn CH, **Park CM**. Critical Test Result Notification via Mobile Phone-Based Automated Text Message System in

the Radiologic Field: Single Institutional Experience. J Am Coll Radiol. 2018 Jul;15(7):973-979. doi: 10.1016/j.jacr.2018.02.024.

51. Hwang EJ, Kim H, **Park CM**, Yoon SH, Lim HJ, Goo JM. Cone-beam computed tomography virtual navigation-guided transthoracic biopsy of small (≤1 cm) pulmonary nodules: Impact of nodule visibility during real-time fluoroscopy. Br J Radiol. 2018 Jul;91(1087):20170805. doi: 10.1259/bjr.20170805.

52. Kim YS, Choi YH, Cho YJ, Lee S, Yoon SH, Park CM, Kang HR. Incidence of Breakthrough Reaction in Patients with Prior Acute Allergic-Like Reactions to Iodinated Contrast Media according to the Administration Route. Korean J Radiol. 2018 Mar-Apr;19(2):352-357

53. Garzelli L, Goo JM, Ahn SY, Chae KJ, Park CM, Jung J, Hong H. Improving the prediction of lung adenocarcinoma invasive component on CT: Value of a vessel removal algorithm during software segmentation of subsolid nodules. Eur J Radiol. 2018 Mar;100:58-65. doi:10.1016/j.ejrad.2018.01.016.

54. Kim H, Goo JM, Kang CK, Chae KJ, Park CM. Comparison of Iodine Density Measurement Among Dual-Energy Computed Tomography Scanners From 3 Vendors. Invest Radiol. 2018 Jun;53(6):321-327. doi: 10.1097/RLI.0000000000000446.

55. Kim H, **Park CM**, Hwang EJ, Ahn SY, Goo JM. Pulmonary subsolid nodules: value of semi-automatic measurement in diagnostic accuracy, diagnostic reproducibility and nodule classification agreement. Eur Radiol. 2018 May;28(5):2124-2133. doi: 10.1007/s00330-017-5171-7.

56. Hwang EJ, **Park CM**, Yoon SH, Lim HJ, Goo JM. Risk factors for haemoptysis after percutaneous transthoracic needle biopsies in 4,172 cases: Focusing on the effects of enlarged main pulmonary artery diameter. Eur Radiol. 2018 Apr;28(4):1410-1419.

57. Lim WH, **Park CM**, Yoon SH, Lim HJ, Hwang EJ, Lee JH, Goo JM. Time-dependent analysis of incidence, risk factors and clinical significance of pneumothorax after percutaneous lung biopsy. Eur Radiol. 2018 Mar;28(3):1328-1337.

58. Kim TH, Yoon SH, Lee SY, Choi YH, Park CM, Kang HR, Cho SH. Biphasic and protracted anaphylaxis to iodinated contrast media. Eur Radiol 2018 Mar;28(3):1242-1252.

59. Kim H, Chae KJ, Yoon SH, Kim M, Keam B, Kim TM, Kim DW, Goo JM, **Park CM.** Repeat biopsy of patients with acquired resistance to EGFR TKIs: implications of biopsy-related factors on T790M mutation detection. Eur Radiol. 2018 Feb;28(2):861-868. doi: 10.1007/s00330-017-5006-6.

60. Kim H, **Park CM**, Keam B, Park SJ, Kim M, Kim TM, Kim DW, Heo DS, Goo JM. The prognostic value of CT radiomic features for patients with pulmonary adenocarcinoma treated with EGFR tyrosine kinase inhibitors. PLoS One. 2017 Nov 3;12(11):e0187500.doi:10.1371/journal.pone.0187500.

61. Weon C, Kim M, Park CM, Ra JB. Real-time respiratory phase matching between 2D fluoroscopic images and 3D CT images for precise

percutaneous lung biopsy. Med Phys. 2017 Nov;44(11):5824-5834. doi: 10.1002/mp.12524.

62. Lee SM, **Park CM**, Song YS, Kim H, Kim YT, Park YS, Goo JM. CT assessment-based direct surgical resection of part-solid nodules with solid component larger than 5 mm without preoperative biopsy: experience at a single tertiary hospital. Eur Radiol. 2017 Dec;27(12):5119-5126. doi: 10.1007/s00330-017-4917-6.

63. Ahn SY, **Park CM**, Jeon YK, Kim H, Lee JH, Hwang EJ, Goo JM. Predictive CT Features of Visceral Pleural Invasion by T1-Sized Peripheral Pulmonary Adenocarcinomas Manifesting as Subsolid Nodules. AJR Am J Roentgenol. 2017 Sep;209(3):561-566. doi: 10.2214/AJR.16.17280.

64. Kim JI, **Park CM**, Kim H, Lee JH, Goo JM. Non-specific benign pathological results on transthoracic core-needle biopsy: how to differentiate false-negatives? Eur Radiol. 2017 Sep;27(9):3888-3895. doi: 10.1007/s00330-017-4766-3.

65. Lee SY, Yang MS, Choi YH, Park CM, Park HW, Cho SH, Kang HR. Stratified premedication strategy for the prevention of contrast media hypersensitivity in high-risk patients. Ann Allergy Asthma Immunol. 2017 2017 Mar;118(3):339-344.e1. doi: 10.1016/j.anai.2016.11.027.

66. Cohen JG, Kim H, Park SB, van Ginneken B, Ferretti GR, Lee CH, Goo JM, **Park CM**. Comparison of the effects of model-based iterative reconstruction and filtered back projection algorithms on software

measurements in pulmonary subsolid nodules. Eur Radiol.

2017 Aug;27(8):3266-3274. doi: 10.1007/s00330-016-4716-5.

67. Hwang EJ, Goo JM, Kim J, Park SJ, Ahn S, Park CM, Shin YG. Development

and validation of a prediction model for measurement variability of lung

nodule volumetry in patients with pulmonary metastases. Eur Radiol.

2017 Aug;27(8):3257-3265. doi: 10.1007/s00330-016-4713-8.

68. Lee JH, **Park CM**, Kim H, Hwang EJ, Park J, Goo JM. Persistent part-solid

nodules with solid part of 5 mm or smaller: Can the 'follow-up and

surgical resection after interval growth' policy have a negative effect on

patient prognosis? Eur Radiol. 2017 Jan;27(1):195-202.

69. Yoo RE, Goo JM, Hwang EJ, Yoon SH, Lee CH, Park CM, Ahn S.

Retrospective assessment of interobserver agreement and accuracy in

classifications and measurements in subsolid nodules with solid

components less than 8mm: which window setting is better? Eur Radiol.

2017 Apr;27(4):1369-1376. doi: 10.1007/s00330-016-4495-z.

70. Kim YJ, Lee SH, Park CM, Kim KG. Evaluation of Semi-automatic

Segmentation Methods for Persistent Ground Glass Nodules on Thin-

Section CT Scans. Healthc Inform Res. 2016 Oct;22(4):305-315.

71. Kim H, **Park CM,** Lee M, Park SJ, Song YS, Lee JH, Hwang EJ, Goo JM.

Impact of Reconstruction Algorithms on CT Radiomic Features of

Pulmonary Tumors: Analysis of Intra- and Inter-Reader Variability and

Inter-Reconstruction Algorithm Variability. PLoS One. 2016 Oct

14;11(10):e0164924. doi: 10.1371/journal.pone.0164924.

72. Jung JW, Choi YH, Park CM, Park HW, Cho SH, Kang HR. Outcomes of corticosteroid prophylaxis for hypersensitivity reactions to low osmolar contrast media in high-risk patients. Ann Allergy Asthma Immunol. 2016 Sep;117(3):304-309.e1

73. Yoon SH, Yoo HJ, Yoo RE, Lim HJ, Yoon JH, Park CM, Lee SS, Yoo SH. Ossification of the Medial Clavicular Epiphysis on Chest Radiographs: Utility and Diagnostic Accuracy in Identifying Korean Adolescents and Young Adults under the Age of Majority. J Korean Med Sci. 2016 Oct;31(10):1538-45.

74. Kim H, **Park CM**, Park SJ, Song YS, Lee JH, Goo JM. Temporal Changes of Texture Features Extracted From Pulmonary Nodules on Dynamic Contrast-Enhanced Chest Computed Tomography: How Influential Is the Scan Delay? Invest Radiol. 2016 Sep;51(9):569-74. doi: 10.1097/RLI.0000000000000267.

75. Cohen JG, Goo JM, Yoo RE, Park SB, van Ginneken B, Ferretti GR, Lee CH, Park CM. The effect of late-phase contrast enhancement on semi-automatic software measurements of CT attenuation and volume of part-solid nodules in lung adenocarcinomas. Eur J Radiol. 2016 Jun;85(6):1174-80.

76. Hwang EJ, **Park CM**, Kim YT, Kim H, Goo JM. Microscopic Invasions, Prognoses, and Recurrence Patterns of Stage I Adenocarcinomas Manifesting as Part-Solid Ground-Glass Nodules: Comparison With

Adenocarcinomas Appearing as Solid Nodules After Matching Their Solid Parts' Size. Medicine (Baltimore). 2016 Apr;95(15):e3419.

77. Cohen JG, Goo JM, Yoo RE, Park CM, Lee CH, van Ginneken B, Chung DH, Kim YT. Software performance in segmenting ground-glass and solid components of subsolid nodules in pulmonary adenocarcinomas. Eur Radiol. 2016 Dec;26(12):4465-4474.

78. Yoon SH, **Park CM**, Park SJ, Yoon JH, Hahn S, Goo JM. Tumor Heterogeneity in Lung Cancer: Assessment with Dynamic Contrast-enhanced MR Imaging. Radiology. 2016 Sep;280(3):940-8.

79. Kim TH, **Park CM**, Lee SM, McAdams HP, Kim YT, Goo JM. Percutaneous transthoracic localization of pulmonary nodules under C-arm cone-beam CT virtual navigation guidance. Diagn Interv Radiol. 2016 May-Jun;22(3):224-30.

80. Lee SM, Goo JM, Park CM, Yoon SH, Paeng JC, Cheon GJ, Kim YT, Park YS. Preoperative staging of non-small cell lung cancer: prospective comparison of PET/MR and PET/CT. Eur Radiol. 2016 Nov;26(11):3850-3857.

81. Kim H, **Park CM**, Song YS, Sunwoo L, Choi YR, Kim JI, Kim JH, Bae JS, Lee JH, Goo JM. Measurement Variability of Persistent Pulmonary Subsolid Nodules on Same-Day Repeat CT: What Is the Threshold to Determine True Nodule Growth during Follow-Up? PLoS One. 2016 Feb 9;11(2):e0148853. doi: 10.1371/journal.pone.0148853. eCollection 2016.

82. Lee JH, **Park CM**, Lee SM, Kim H, McAdams HP, Goo JM. Persistent pulmonary subsolid nodules with solid portions of 5 mm or smaller: Their natural course and predictors of interval growth. Eur Radiol. 2016 Jun;26(6):1529-37.

83. Choi SM, Hong EY, Park YS, Lee CH, Park CM, Kang CH, Yim JJ, Kim YT, Yoo CG, Han SK, Kim YW. Characteristics of Benign Solitary Pulmonary Nodules Confirmed by Diagnostic Video-Assisted Thoracoscopic Surgery. Clin Respir J. 2016 Mar;10(2):181-8.

84. Kim H, **Park CM**, Chae HD, Lee SM, Goo JM. Impact of radiation dose and iterative reconstruction on pulmonary nodule measurements at chest CT: a phantom study. Diagn Interv Radiol. 2015 Nov-Dec;21(6):459-65. doi: 10.5152/dir.2015.14541.

85. Hwang IP, **Park CM**, Park SJ, Lee SM, McAdams HP, Jeon YK, Goo JM. Persistent Pure Ground-Glass Nodules Larger Than 5 mm: Differentiation of Invasive Pulmonary Adenocarcinomas From Preinvasive Lesions or Minimally Invasive Adenocarcinomas Using Texture Analysis. Invest Radiol. 2015 Nov;50(11):798-804.

86. Lee KH, **Park CM**, Lee SM, Lee JM, Cho JY, Paeng JC, Ahn SY, Goo JM. Pulmonary Nodule Detection in Patients with a Primary Malignancy Using Hybrid PET/MRI: Is There Value in Adding Contrast-Enhanced MR Imaging? PLOS ONE. 2015 June. DOI: 10.1371/journal.pone.0129660

87. Ahn SY, **Park CM**, Park SJ, Kim HJ, Song C, Lee SM, McAdams HP, Goo JM. Prognostic Value of Computed Tomography Texture Features in Non-

Small Cell Lung Cancers Treated With Definitive Concomitant Chemoradiotherapy. Invest Radiol. 2015 Oct;50(10):719-25.

88. Park EA, Goo JM, Park SJ, Lee CH, Park CM. Collateral Ventilation Quantification Using Xenon-Enhanced Dynamic Dual-Energy CT: Differences between Canine and Swine Models of Bronchial Occlusion. Korean J Radiol. 2015 May-Jun;16(3):648-56.

89. Yoon SH, Goo JM, Lee SM, Park CM, Cheon GJ. PET/MR Imaging for Chest Diseases: Review of Initial Studies on Pulmonary Nodules and Lung Cancers. Magn Reson Imaging Clin N Am. 2015 May;23(2):245-259

90. Lee JH, **Park CM**, Park SJ, Bae JS, Lee SM, Goo JM. Value of Computerized 3D Shape Analysis in Differentiating Encapsulated from Invasive Thymomas. PLoS One. 2015 May 4;10(5):e0126175. doi: 10.1371/journal.pone.0126175. eCollection 2015.

91. Kim H, **Park CM**, Lee SM, Goo JM. C-Arm Cone-Beam CT Virtual Navigation-Guided Percutaneous Mediastinal Mass Biopsy: Diagnostic Accuracy and Complications. Eur Radiol. 2015 Dec;25(12):3508-17.

92. Kim H, Park CM, Goo JM, Wildberger JE, Kauczor HU. Quantitative Computed Tomography Imaging Biomarkers in the Diagnosis and Management of Lung Cancer. Invest Radiol. 2015 Sep;50(9):571-83.

93. Lee KH, Goo JM, Lee SM, Park CM, Bahn YE, Kim H, Song YS, Hwang EJ. Digital tomosynthesis for evaluating metastatic lung nodules: nodule visibility, learning curves, and reading times. Korean J Radiol. 2015 Mar-Apr;16(2):430-9.

94. Lee SM, Goo JM, Lee KH, Chung DH, Koh J, Park CM. CT findings of minimally invasive adenocarcinoma (MIA) of the lung and comparison of solid portion measurement methods at CT in 52 patients. Eur Radiol. 2015 Aug;25(8):2318-25

95. Yoon SH, Lee SY, Kang HR, Kim JY, Hahn SK, Park CM, Chang YS, Goo JM, Cho SH. Skin tests in patients with hypersensitivity reaction to iodinated contrast media: A meta-analysis. Allergy. 2015 Jun;70(6):625-37.

96. Kim JI, **Park CM**, Lee SM, Goo JM. Rapid needle-out patient-rollover approach after cone beam CT-guided lung biopsy: effect on pneumothorax rate in 1,191 consecutive patients. Eur Radiol. 2015 Jul;25(7):1845-53

97. Hwang EJ, **Park CM**, Ryu Y, Lee SM, Kim YT, Kim YW, Goo JM. Pulmonary adenocarcinomas appearing as part-solid ground-glass nodules: Is measuring solid component size a better prognostic indicator? Eur Radiol. 2015 Feb;25(2):558-67

98. Choi WS, **Park CM**, Song YS, Lee SM, Wi JY, Goo JM. Transient subsolid nodules in patients with extrapulmonary malignancies: their frequency and differential features. Acta Radiol. 2015 Apr;56(4):428-37

99. Chae HD, **Park CM**, Park SJ, Lee SM, Kim KG, Goo JM. Computerized Texture Analysis of Persistent Part-Solid Ground-Glass Nodules: Differentiation of Preinvasive Lesions from Invasive Pulmonary Adenocarcinomas. Radiology. 2014 Oct;273(1):285-93.

100. Kim H, **Park CM**, Kim SH, Lee SM, Park SJ, Lee KH, Goo JM. Persistent pulmonary subsolid nodules: model-based iterative reconstruction for nodule classification and measurement variability on low-dose CT. Eur Radiol. 2014 Nov;24(11):2700-8.

101. Kim MH, Lee SY, Lee SE, Yang MS, Jung JW, Park CM, Lee W, Cho SH, Kang HR. Anaphylaxis to iodinated contrast media: clinical characteristics related with development of anaphylactic shock. PLoS One. 2014 Jun 16;9(6):e100154. doi: 10.1371/journal.pone.0100154. eCollection 2014.

102. Song YS, **Park CM**, Park SJ, Lee SM, Jeon YK, Goo JM. Volume and Mass Doubling Times of Persistent Pulmonary Subsolid Nodules Detected in Patients without Known Malignancy. Radiology. 2014 Oct;273(1):276-84

103. Song YS**, Park CM**, Lee SM, Park SJ, Cho HR, Choi SH, Lee JM, Kiefer B, Goo JM. Reproducibility of histogram and texture parameters derived from intravoxel incoherent motion diffusion-weighted MRI of FN13762 rat breast Carcinomas. Anticancer Res. 2014 May;34(5):2135-44.

104. <u>**Park CM**</u>. Features of Resolving and Nonresolving Indeterminate Pulmonary Nodules at Follow-up CT. Radiology. 2014 Apr;271(1):310.

105. Kim H, **Park CM**, Song YS, Lee SM, Goo JM. Influence of radiation dose and iterative reconstruction algorithms for measurement accuracy and reproducibility of pulmonary nodule volumetry: A phantom study. Eur J Radiol. 2014 May;83(5):848-57.

106. Lee SM, **Park CM**, Lee KH, Bahn YE, Kim JI, Goo JM. C-Arm Cone-Beam CT-guided Percutaneous Transthoracic Needle Biopsy of Lung

Nodules: Clinical Experience in 1108 Patients. Radiology. 2014 Apr;271(1):291-300

107.   Kwak N, Park CM, Lee J, Park YS, Lee SM, Yim JJ, Yoo CG, Kim YW, Han SK, Lee CH. Lung cancer risk among patients with combined pulmonary fibrosis and emphysema. Respir Med. 2014 Mar;108(3):524-30

108.   Lee SH, Lee SM, Goo JM, Kim KG, Kim YJ, **Park CM**. Usefulness of Texture Analysis in Differentiating Transient from Persistent Part-solid Nodules(PSNs): A Retrospective Study. PLoS One. 2014 Jan 8;9(1):e85167. doi: 10.1371/journal.pone.0085167.

109.   Lee KH, Goo JM, Park SJ, Wi JY, Chung DH, Go H, Park HS, Park CM, Lee SM. Correlation between the Size of the Solid Component on Thin-Section CT and the Invasive Component on Pathology in Small Lung Adenocarcinomas Manifesting as Ground-Glass Nodules. J Thorac Oncol. 2014 Jan;9(1):74-82.

110.   Yoon SH, Goo JM, Lee SM, Park CM, Seo HJ, Cheon GJ. Positron emission tomography/magnetic resonance imaging evaluation of lung cancer: current status and future prospects. J Thorac Imaging. 2014 Jan;29(1):4-16.

111.   Choo JY, Goo JM, Lee CH, Park CM, Park SJ, Shim MS. Quantitative analysis of emphysema and airway measurements according to iterative reconstruction algorithms: comparison of filtered back projection, adaptive statistical iterative reconstruction and model-based iterative reconstruction. Eur Radiol. 2014 Apr;24(4):799-806.

112. Kim H, **Park CM**, Koh JM, Lee SM, Goo JM. Pulmonary subsolid nodules: what radiologists need to know about the imaging features and management strategy. Diagn Interv Radiol. 2014 Jan-Feb;20(1):47-57.

113. Choo JY, **Park CM**, Lee HJ, Lee CH, Goo JM, Im JG. Sequential morphological changes in follow-up CT of pulmonary mucormycosis. Diagn Interv Radiol. 2014 Jan-Feb;20(1):42-6.

114. Lee CH, Jeong YJ, Heo EY, Park JS, Lee JS, Lee BJ, Park YS, Song EH, Yang YJ, Cho YS, Cho EH, Na KI, Oh EJ, Lee JB, Oh SY, Kim H, Park CM, Yim JJ. Active pulmonary tuberculosis and latent tuberculosis infection among homeless people in Seoul, South Korea: a cross-sectional study. BMC Public Health. 2013 Aug 5;13:720.

115. Kim H, **Park CM**, Woo S, et al. Measurement variability of volume and mass in pure and part-solid pulmonary ground-glass nodules with a solid portion ≤5mm. Radiology. 2013 Nov;269(2):585-93.

116. Kim H, **Park CM**, Lee SM, Lee HJ, Goo JM. A comparison of two commercial volumetry software programs in the analysis of pulmonary ground-glass nodules: Segmentation capability and measurement accuracy. Korean J Radiol. 2013 Jul;14(4):683-91.

117. Lee SM, Lee HJ, Kim JI, Kang MJ, Goo JM, Park CM, Im JG. Adaptive 4D Volume Perfusion CT of Lung Cancer: Effects of Computerized Motion Correction and the Range of Volume Coverage on Measurement Reproducibility. AJR Am J Roentgenol. 2013 Jun; 200 (6):W603-609.

118. Kim H, **Park CM**, Jeon YK, Paeng JC, Goo JM, Lee HJ. Follicular dendritic cell sarcoma of the mediastinum: CT and 18F-fluoro-2-deoxyglucose PET findings. Thoracic cancer. 2013 May; 4 (2): 203–206.

119. Song YS, **Park CM**, Park KW, Kim KG, Lee HJ, Shim MS, Goo JM. Does antiplatelet therapy increase the risk of hemoptysis during percutaneous transthoracic needle biopsy of a pulmonary lesion? AJR Am J Roentgenol. 2013 May; 200 (5):1014-1019.

120. Lee Y, Lee HJ, Kim YT, Kang CH, Goo JM, Park CM, Paeng JC, Chung DH, Jeon YK. Imaging Characteristics of Stage I Non-Small Cell Lung Cancer on CT and FDG-PET: Relationship with Epidermal Growth Factor Receptor Protein Expression Status and Survival. Korean J Radiol. 2013 Mar;14(2):375-383.

121. Lee SM, **Park CM**, Goo JM, Lee HJ, Wi JY, Kang CH. Invasive Pulmonary Adenocarcinomas versus Preinvasive Lesions Appearing as Ground-Glass Nodules: Differentiation by Using CT Features. Radiology. 2013 Jul; 268(1):265-73.

122. Shin SU, **Park CM**, Lee Y, Kim EC, Kim SJ, Goo JM. Clinical and radiological features of invasive Klebsiella pneumoniae liver abscess syndrome. Acta Radiol. 2013 Jun; 54 (5): 557-563.

123. Choo JY, **Park CM**, Lee NK, Lee SM, Lee HJ, Goo JM. Percutaneous transthoracic needle biopsy of small (≤1 cm) lung nodules under C-arm cone-beam CT virtual navigation guidance. Eur Radiol. 2013; 23:712-719.

124. Lee ES, Paeng JC, **Park CM**, Chang W, Lee WW, Kang KW, Chung JK, Lee DS. Metabolic Characteristics of Castleman Disease on 18F-FDG PET in Relation to Clinical Implication. Clin Nucl Med. 2013 May;38 (5):339-342.

125. Choi H, Paeng JC, Kim DW, Lee JK, Park CM, Kang KW, Chung JK, Lee DS. Metabolic and metastatic characteristics of ALK-rearranged lung adenocarcinoma on FDG PET/CT. Lung Cancer. 2013 Mar; 79 (3):242-247.

126. Park YS, Park CM, Lee HJ, Goo JM, Chung DH, Lee SM, Yim JJ, Kim YW, Han SK, Yoo CG. Clinical implication of protease-activated receptor-2 in idiopathic pulmonary fibrosis. Respir Med. 2013 Feb; 107 (2):256-262.

127. Lee E, **Park CM**, Kang KW, Goo JM, Kim MA, Paeng JC, Lee HJ, Park HS, Chung DH. 18F-FDG PET/CT features of pulmonary sclerosing hemangioma. Acta Radiol. 2013 Feb 1;54 (1):24-29.

128. Lee NK, **Park CM**, Kang CH, Jeon YK, Choo JY, Lee HJ, Goo JM. CT-Guided Percutaneous Transthoracic Localization of Pulmonary Nodules Prior to Video-Assisted Thoracoscopic Surgery Using Barium Suspension. Korean J Radiol. 2012 Nov;13(6):694-701.

129. Lee HJ, Lee CH, Jeong YJ, Chung DH, Goo JM, Park CM, Austin JH. IASLC/ATS/ERS International Multidisciplinary Classification of Lung Adenocarcinoma: Novel Concepts and Radiologic Implications. J Thorac Imaging. 2012 Nov;27(6):340-353.

130. Lee KH, Goo JM, Park CM, Lee HJ, Jin KN. Computer-aided detection of malignant lung nodules on chest radiographs: effect on observers' performance. Korean J Radiol. 2012 Sep;13(5):564-571.

131. Choi JW, **Park CM**, Goo JM, Park YK, Sung W, Lee HJ, Lee SM, Ko JY, Shim MS. C-arm cone-beam CT-guided percutaneous transthoracic needle biopsy of small (≤ 20 mm) lung nodules: diagnostic accuracy and complications in 161 patients. AJR Am J Roentgenol. 2012 Sep;199(3):W322-330.

132. Lee SM, Goo JM, Park CM, Lee HJ, Im JG. A new classification of adenocarcinoma: what the radiologists need to know. Diagn Interv Radiol. 2012 Nov-Dec;18(6):519-526.

133. Lee SM, **Park CM**, Paeng JC, Im HJ, Goo JM, Lee HJ, Kang CH, Kim YW, Kim JI. Accuracy and predictive features of FDG-PET/CT and CT for diagnosis of lymph node metastasis of T1 non-small-cell lung cancer manifesting as a subsolid nodule. Eur Radiol. 2012 Jul;22(7):1556-1563.

134. Kim TJ, Park CM, Goo JM, Lee KW. Is There a Role for FDG PET in the Management of Lung Cancer Manifesting Predominantly as Ground-Glass Opacity? AJR Am J Roentgenol. 2012 Jan;198(1):83-88.

135. Kim H, **Park CM**, Jeon YK, Yoo IR, Song SW, Goo JM, Lee HJ. Computed Tomography and 18F-fluoro-2-deoxyglucose Positron Emission Tomography Findings of Primary Pulmonary Follicular Dendritic Cell Sarcoma: Case Report and a Literature Review. J Thorac Imaging. 2012 Jul;27(4):W94-96.

136.   Lim HJ, Park CM, Park YS, Lee J, Lee SM, Yang SC, Yoo CG, Kim YW, Han SK, Yim JJ. Isolation of multiple nontuberculous mycobacteria species in the same patients. Int J Infect Dis. 2011 Nov;15(11):e795-798.

137.   Gu Y, Lee JK, Spångberg LS, Lee Y, Park CM, Seo DG, Chang SW, Hur MS, Hong ST, Kum KY. Minimum-intensity projection for in-depth morphology study of mesiobuccal root. Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 2011 Nov;112(5):671-677.

138.   Go H, Cho HJ, Paik JH, Park CM, Oh YH, Jung KC, Kim CW, Jeon YK. Thymic extranodal marginal zone B-cell lymphoma of mucosa-associated lymphoid tissue: a clinicopathological and genetic analysis of six cases. Leuk Lymphoma. 2011 Dec;52(12):2276-2283.

139.   Lee CH, Kim HJ, Park CM, Lim KY, Lee JY, Kim DJ, Yeon JH, Hwang SS, Kim DK, Lee SM, Yim JJ, Yang SC, Yoo CG, Chung HS, Kim YW, Han SK, Shim YS. The impact of combined pulmonary fibrosis and emphysema on mortality. Int J Tuberc Lung Dis. 2011 Aug;15(8):1111-1116.

140.   Yoon SH, Park CM, Goo JM, Lee HJ. Pulmonary aspergillosis in immunocompetent patients without air-meniscus sign and underlying lung disease: CT findings and histopathologic features. Acta Radiol. 2011 Sep 1;52(7):756-761.

141.   Goo JM, Park CM, Lee HJ. Ground-glass nodules on chest CT as imaging biomarkers in the management of lung adenocarcinoma. AJR Am J Roentgenol. 2011 Mar;196(3):533-543.

142. Yun TJ, **Park CM**, Kwon GJ, Woo SK, Park SH, Choi SH, Lee HJ, Goo JM. Clinical and radiological features of pandemic H1N1 2009 influenza virus infection manifesting as acute febrile respiratory illness at their initial presentations: comparison with contemporaneous non-H1N1 patients. Acta Radiol. 2011 May 1;52(4):410-416.

143. Lee SH**, Park CM**, Goo JM, Lee HJ. Persistent part-solid nodule in the lung represents pulmonary adenocarcinoma. J Thorac Oncol. 2011 Mar;6(3):631.

144. Lee SH, Min JW, Lee CH, Park CM, Goo JM, Chung DH, Kang CH, Kim YT, Kim YW, Han SK, Shim YS, Yim JJ. Impact of parenchymal tuberculosis sequelae on mediastinal lymph node staging in patients with lung cancer. J Korean Med Sci. 2011 Jan;269(1):67-70.

145. <u>**Park CM**</u>, Goo JM, Lee HJ, Kim KG, Kang MJ, Shin YH. Persistent pure ground-glass nodules in the lung: Interscan variability of semiautomated volume and attenuation measurements. Am J Roentgenol. 2010 Dec;195(6):W408-414.

146. <u>**Park CM**</u>, Goo JM, Lee HJ. CT Characteristics of Lung Nodules Present at Diagnosis of Extrapulmonary Malignancy in Children. Am J Roentgenol. 2010 195:W308.

147. Kang MJ, Park CM, Lee CH, Goo JM, Lee HJ. Focal iodine defects on color-coded iodine perfusion maps of dual-energy pulmonary CT angiography images: a potential diagnostic pitfall. AJR Am J Roentgenol. 2010 Nov;195(5):W325-330.

148. Jin KN, **Park CM,** Goo JM, Lee HJ, Lee Y, Kim JI, Choi SY, Kim HC. Initial experience of percutaneous transthoracic needle biopsy of lung nodules using C-arm cone-beam CT systems. Eur Radiol. 2010 Sep;20(9):2108-2115.

149. Yun TJ, **Park CM**, Kwon GJ, Oh MK, Woo SK, Park SH, Choi SH, Lee HJ, Goo JM, Yim JJ, Kim JS, . Clinical and Radiological Characteristics of a Military Outbreak of Pandemic H1N1 2009 Influenza Virus Infection. Korean J Radiol. 2010; 11: 417-424.

150. Kang MJ, Kim MA, Park CM, Lee CH, Goo JM, Lee HJ. Ground-glass nodules found in two patients with malignant melanomas: different growth rate and different histology. Clin Imaging. 2010 Sep-Oct;34(5):396-399.

151. Park EA, Goo JM, Park SJ, Lee HJ, Lee CH, Park CM, Yoo CG, Kim JH. Chronic Obstructive Pulmonary Disease: Quantitative and Visual Ventilation Pattern Analysis at Xenon Ventilation CT Performed by Using a Dual-Energy Technique. Radiology. 2010 Sep;256(3):985-997.

152. Lee ES, **Park CM**, JM Goo, Lee HJ. Lee IS, Im JG. CT Features of extensively Drug-Resistant Pulmonary Tuberculosis in Non-HIV-Infected Patients. J Comput Assist Tomogr. 2010 Jul;34(4):559-563.

153. Choi SH, Chung JW, Kim HC, Baek JH, Park CM, Jun S, Kim MU, Lee ES, Cho HR, Jae HJ, Lee W, Park JH. The Role of Perfusion CT as a Follow-up Modality After Transcatheter Arterial Chemoembolization: An

Experimental Study in a Rabbit Model. Invest Radiol. 2010 Jul;45(7):427-436.

154.   Kang MJ, Park CM, Lee CH, Goo JM, Lee HJ. Dual-energy CT: clinical applications in various pulmonary diseases. Radiographics. 2010 May-Jun;30(3):685-698.

155.   Lee SM, **Park CM**, Goo JM, Lee CH, Lee HJ, Kim KG, Kang MJ, Lee IS. Transient part-solid nodules detected on screening thin-section CT for lung cancer: Comparison with persistent part-solid nodules. Radiology 2010 Apr;255(1):242-251.

156.   Lee HY, Lee HJ, Kim YT, Kang CH, Jang BG, Chung DH, Goo JM, Park CM, Lee CH, Kang KW. Value of combined interpretation of computed tomography response and positron emission tomography response for prediction of prognosis after neoadjuvant chemotherapyin non-small cell lung cancer. J Thorac Oncol. 2010 Apr;5(4):497-503.

157.   Choi HK, **Park CM**, Goo JM, Lee HJ. Pulmonary alveolar proteinosis versus exogenous lipoid pneumonia showing crazy-paving pattern: Comparison of their clinical features and high-resolution CT findings. Acta Radiol. 2010 May;51(4):407-412.

158.   Lee CH, Goo JM, Kim YT, Lee HJ, Park CM, Park EA, Lee HY, Kang MJ, Song IC. The clinical feasibility of using non-breath-hold real-time MR-echo imaging for the evaluation of mediastinal and chest wall tumor invasion. Korean J Radiol. 2010 Jan-Feb;11(1):37-45.

159. Lee SW, Jang YS, Park CM, Kang HY, Koh W-J, Yim J-J, Jeon K. role of chest CT in tuberculosis outbreak investigation. Chest 2010 May;137(5):1057-1064.

160. **Park CM**, Goo JM, Lee HJ, Kim MA, Kim H-C, Kim KG, Lee CH, Im G-J. First-pass CT Perfusion of FN13762 Murine Breast Cancer: Region-by-Region Correlation with Histological Vascular Parameters. Radiology. 2009 Jun;251(3):721-730.

161. **Park CM**, Goo JM. Images in clinical medicine. Popcorn calcification of chondroid hamartoma. N Engl J Med. 2009 March 19; 360 (12):e17

162. **Park CM**, Goo JM, Lee HJ, Kim MA, Lee CH, Kang MJ. Tumors in the Tracheobronchial Tree: CT and FDG PET Features. Radiographics. 2009 Jan-Feb;29(1):55-71.

163. Lee HY, Goo JM, Lee HJ, Lee CH, Park CM, Park EA, Im JG. Usefulness of concurrent reading using thin-section and thick-section CT images in subcentimetre solitary pulmonary nodules. Clin Radiol. 2009 Feb;64(2):127-132.

164. Chun EJ, Lee HJ, Kang WJ, Kim KG, Goo JM, Park CM, Lee CH. Differentiation between malignancy and inflammation in pulmonary ground-glass nodules: The feasibility of integrated (18)F-FDG PET/CT. Lung Cancer. 2009 Aug;65(2):180-186.

165. Lee HJ, Goo JM, Lee CH, Park CM, Kim KG, Park EA, Lee HY. Predictive CT findings of malignancy in ground-glass nodules on thin-section chest

CT: the effects on radiologist performance. Eur Radiol. 2009 Mar;19(3):552-560.

166. Park EA, Lee HJ, Kim YT, Kang CH, Kang KW, Jeon YK, Goo JM, Lee CH, Park CM. EGFR gene copy number in adenocarcinoma of the lung by FISH analysis: Investigation of significantly related factors on CT, FDG-PET, and histopathology. Lung Cancer. 2009 May;64(2):179-186.

167. Kim TJ, Goo JM, Lee KW, Park CM, Lee HJ. Clinical, pathological and thin-section CT features of persistent multiple ground-glass opacity nodules: Comparison with solitary ground-glass opacity nodule. Lung Cancer. 2009 May;64(2):171-178.

168. **Park CM**, Goo JM. Images in clinical medicine. Dynamic tumor staging. N Engl J Med. 2008 Jul 24; 359(4):e4.

169. Park EA, Goo JM, Lee JW, Kang CH, Lee HJ, Lee CH, Park CM, Lee HY, Im JG. Efficacy of Computer-Aided Detection System and Thin-Slab Maximum Intensity Projection Technique in the Detection of Pulmonary Nodules in Patients With Resected Metastases. Invest Radiol. 2009 Feb;44(2):105-13

170. **Park CM,** Goo JM, Kim TJ, Lee HJ, Lee KW, Lee CH, Kim YT, Kim KG, Lee HY, Park EA, Im JG. Pulmonary nodular ground-glass opacities in patients with extrapulmonary cancers: what is their clinical significance and how can we determine whether they are malignant or benign lesions? Chest. 2008 Jun;133(6):1402-1409.

171.   **Park CM**, Lee HJ, Goo JM, Han DH, Kim JH, Lim KY, Kim SH, Kang JJ, Kim KG, Lee CH, Chun EJ, Im JG. Comparison of observer performance on soft-copy reading of digital chest radiographs: High resolution liquid-crystal display monitors versus cathode-ray tube monitors. Eur J Radiol. 2008 Apr66(1):13-18.

172.   Lee CH, Goo JM, Ye HJ, Ye SJ, Park CM, Chun EJ, Im JG. Radiation dose modulation techniques in the multidetector CT era: from basics to practice. Radiographics. 2008 Sep-Oct; 21(5):1451-1459.

173.   Lee HJ, Goo JM, Kim NR, Kim MA, Chung DH, Son KR, Kim HC, Lee CH, Park CM, Chun EJ, Im JG. Semiquantitative measurement of murine bleomycin-induced lung fibrosis in in vivo and postmortem conditions using microcomputed tomography: correlation with pathologic scores--initial results. Invest Radiol. 2008 Jun;43(6):453-460.

174.   **Park CM**, Goo JM, Lee HJ, Lee CH, Chung DH, Chun EJ, Im JG. Focal interstitial fibrosis manifesting as nodular ground-glass opacity: thin-section CT findings. Eur Radiol. 2007 Sep; 17 (9):2325-2331.

175.   **Park CM,** Goo JM, Lee HJ, Lee CH, Chun EJ, Im J-G. Nodular Ground Glass Opacity Detected by Thin-Section CT: CT-Histologic Correlation and Evaluation of the Change in Follow-up. Radiographics 2007 Mar-Apr;27(2):391-408.

176.   Kim KW, Goo JM, Lee HJ, Lee HY, Park CM, Lee CH, Im JG. Chest computed tomographic findings and clinical features of legionella pneumonia. J Comput Assist Tomogr. 2007 Nov-Dec;31(6):950-955.

177. Park HS, Lee HJ, Im JG, Goo JM, Lee CH, Park CM, Chun EJ. Gefitinib-induced pneumonitis in non-small cell lung cancer: radiological and clinical findings in five patients. Clin Imaging. 2007 Sep-Oct;31(5):306-312.

178. Lee CH, Goo JM, Bae KT, Lee HJ, Kim KG, Chun EJ, Park CM, Im JG. CTA contrast enhancement of the aorta and pulmonary artery: the effect of saline chase injected at two different rates in a canine experimental model. Invest Radiol. 2007 Jul;42(7):486-490.

179. **Park CM**, Goo JM, Lee HJ, Lee CH, Chung DH, Kim HC, Im JG. CT Findings of Atypical Adenomatous Hyperplasia in the Lung. Korean J Radiol. 2006 Apr-Jun;7(2):80-86.

180. **Park CM**, Goo JM, Choi HJ, Choi SH, Eo H, Im JG. Endobronchial metastasis from renal cell carcinoma: CT findings in four patients. Eur J Radiol. 2004; 51:155-159.

181. Kim HC, Goo JM, Lee HJ, Park SH, Park CM, Kim TJ, Im JG. Multidrug-resistant tuberculosis versus drug-sensitive tuberculosis in human immunodeficiency virus-negative patients: computed tomography features. J Comput Assist Tomogr. 2004;28:366-371.

182. Choi HJ, Kim SH, Kim SH, Kim HC, Park CM, Lee HJ, Moon MH, Jeong JY. Ruptured corpus luteal cyst: CT findings. Korean J Radiol. 2003;4:42-45

183. Won HJ, Han JK, Do KH, Lee KH, Kim KW, Kim SH, Yoon CJ, Kim YJ, Park CM, Choi BI. Value of four-dimensional ultrasonography in ultrasonographically guided biopsy of hepatic masses. J Ultrasound Med. 2003;22:215-220.

184. Lee JY, Choi BI, Kim AY, Han JK, Shin SH, Park CM. Assessment of hapatocellular carcinoma vascularity: Comparison of contrast-enhanced coded harmonic ultrasound with harmonic power Doppler ultrasound. J Ultrasound Med. 2003;11:147-55.

185. Kim JH, Kim IO, Kim WS, Kim KH, Park CM, Yeon KM. MR findings of desmoplastic cerebral astrocytoma of infancy. Acta Radiol. 2003 Nov;44 (6):688-690

186. **Park CM**, Kim WS, Cheon JE, Kim CJ, Kim WY, Kim IO, Shin HY, Yeon KM. Teratoid Wilms tumor in childhood: CT and ultrasonographic appearances. Abd Imaging. 2003;28:440-443.

187. **Park CM,** Kim SH, Kim SH, Moon MH, Kim KW, Choi HJ. Recurrent ovarian malignancy: patterns and spectrum of imaging findings. Abd Imaging. 2003;28:404-415.

188. **Park CM**, Chung JW, Kim HB, Shin SJ, Park JH. Celiac axis stenosis: incidence and etiologies in asymptomatic individuals. Korean J Radiol. 2001;2:8-13

189. **Park CM,** Han JK, Kim TK, Choi BI. Fat replacement with absence of acinar and ductal structure in the pancreatic body and tail. J Comput Assist Tomogr. 2000;24:893-895.