

Publication List

2015

Journal Publications

1. Au WY, Law MF, Ma ES, Pang KH, Kan YT. "Emergency internal carotid artery stenting with platelet glycoprotein IIb/IIIa antagonist coverage in a patient with essential thrombocytosis." *Annals of Hematology*, 2015, Vol. 94(3): 497-499.
2. Blanchard P et al. (Chua DT). "Chemotherapy and radiotherapy in nasopharyngeal carcinoma: an update of the MAC-NPC meta-analysis." *The Lancet Oncology*, 2015, Vol. 16(6): 645-655.
3. Chan AO, Lee LN, Chan AC, Ho WN, Chan QW, Lau SS and Chan JW, "Predictive factors for colonoscopy complications," *Hong Kong Medical Journal*, 2015, Vol. 21(1): 23-29.
4. Chan JF, Choi GK, Tsang AK, Tee KM, Lam HY, Yip CC, To KK, Cheng VC, Yeung ML, Lau SK, Woo PC, Chan KH, Tang BS, Yuen KY. "Development and Evaluation of Novel Real-Time Reverse Transcription-PCR Assays with Locked Nucleic Acid Probes Targeting Leader Sequences of Human-Pathogenic Coronaviruses." *Journal of Clinical Microbiology*, 2015, Vol. 53(8): 2722-2726.
5. Chan SC, Fan ST. "Minimalist approach to donor hepatectomy." *Hepatology International*, 2015, Vol. 9(4): 484-485.
6. Cheuk IW, Shin VY, Siu MT, Tsang JY, Ho JC, Chen J, Tse GM, Wang X, Kwong A. "Association of EP2 receptor and SLC19A3 in regulating breast cancer metastasis." *American Journal of Cancer Research*, 2015, Vol. 5(11): 3389-3399.
7. Cheung KY. "Appropriate Technologies in Radiation Medicine", *Medical Physics International*, Vol. 3(1): 11-14.
8. Christianson MS, Wu H, Zhao Y, Yemini M, Leong M, Shoham Z. "Metformin use in patients undergoing in vitro fertilization treatment: results of a worldwide

web-based survey.” *Journal of Assisted Reproduction and Genetics*, 2015, Vol. 32(3): 401-406.

9. Chu MC, Law RK, Cheung LC, Ma ML, Tse EY, Wong TC, Chen PP. “Pain management programme for Chinese patients: a 10-year outcome review.” *Hong Kong Medical Journal*, 2015, Vol. 21(4): 304-309.
10. King AD, Chow SKK, Yu KH, Mo FKF, Yeung DKW, Yuan J, Law BKH, Bhatia KS, Vlantis AC, Ahuja AT. “DCE-MRI for Pre-Treatment Prediction and Post-Treatment Assessment of Treatment Response in Sites of Squamous Cell Carcinoma in the Head and Neck.” *PloS one*, 2015, Vol. 10(12): e0144770.
11. Kwong A, Chen J, Shin VY, Ho JCW, Law FBF, Au CH, Chan TL, Ma ESK, Ford JM, “The importance of analysis of long-range rearrangement of BRCA1 and BRCA2 in genetic diagnosis of familial breast cancer”, *Cancer Genetics*, Vol. 208(9):.448-454.
12. Lai KN, Leung JC, Tang SC. “The Treatment of IgA Nephropathy.” *Kidney Diseases*, 2015, Vol. 1(1): 19-26.
13. Lam TP, Lam KF, Ho PL, Yung RW. “Knowledge, attitude, and behavior toward antibiotics among Hong Kong people: local-born versus immigrants.” *Hong Kong Medical Journal*, 2015, Vol. 21(Suppl 7): S41-S47.
14. Leung JC, Chan LY, Saleem MA, Mathieson PW, Tang SC, Lai KN. “Combined blockade of angiotensin II and prorenin receptors ameliorates podocytic apoptosis induced by IgA-activated mesangial cells.” *Apoptosis*, 2015, Vol. 20(7): 907-920.
15. Liu W, Wong A, AU L, Yang J, Wang Z, Leung E, Chen SR, Ho CL, Mok V, “Influence of A β upon cognitive decline after stroke/transient ischemic attack - A 3-year longitudinal study”, *Stroke*, 2015, Vol.46(11): 3074-3080
16. Lung HL et al. (Chua D). “SAA1 polymorphisms are associated with variation in antiangiogenic and tumor-suppressive activities in nasopharyngeal carcinoma.” *Oncogene*, 2015, Vol. 34(7): 878-889.

17. Ma ES, Liang RH, Chu KM, Lau GK. "Complete response of acquired FV inhibitor to rituximab." *International Journal of Hematology*, 2015, Vol. 101(4): 421-422.
18. Michael Böhm, Felix Mahfoud, Christian Ukena, Uta C. Hoppe, Krzysztof Narkiewicz, Manuela Negoita, Luis Ruilope, Markus P. Schlaich, Roland E. Schmieder, Robert Whitbourn, Bryan Williams, Uwe Zeymer, Andreas Zirlik, Giuseppe Mancina, on behalf of the GSR Investigators (Kwok OH). "First Report of the Global SYMPPLICITY Registry on the Effect of Renal Artery Denervation in Patients with Uncontrolled Hypertension." *Hypertension*, 2015, Vol. 65(4): 766-774.
19. Ng DS, Kwok AK, Tong JM, Chan CW, Li WW. "FACTORS INFLUENCING NEED FOR RETREATMENT AND LONG-TERM VISUAL OUTCOME AFTER INTRAVITREAL BEVACIZUMAB FOR MYOPIC CHOROIDAL NEOVASCULARIZATION." *Retina*, 2015, Vol. 35(12): 2457-2468.
20. Ng EH, Leung JH, Lau YS, Ma ES. "Evaluation of the new red cell parameters on Beckman Coulter DxH800 in distinguishing iron deficiency anaemia from thalassaemia trait." *International Journal of Laboratory Hematology*, 2015, Vol. 37(2): 199-207.
21. Ngan TL, Wong ET, Ng KL, Jeor PK, Lo GG. "The Enhanced Workflow and Efficiency of the Wireless Local Area Network (WLAN)-Based Direct Digital Radiography (DDR) Portable Radiography." *Journal of Digital Imaging*, 2015, Vol. 28(3): 302-308.
22. Ou M, Ma R, Cheung J, Lo K, Yee P, Luo T, Chan TL, Au CH, Kwong A, Luo R, Lam TW, "database.bio: A web application for interpreting human variations", *Bioinformatics*, 2015, Vol. 31(24): 4035-4037.
23. Qin YY, Leung CK, Lin CK, Wong MH. "The associations between metals/metalloids concentrations in blood plasma of Hong Kong residents and their seafood diet, smoking habit, body mass index and age." *Environmental Science and Pollution Research*, 2015, Vol. 22(17): 13204-13211.

24. Shin VY, Ng EK, Chan VW, Kwong A, Chu KM. "A three-miRNA signature as promising non-invasive diagnostic marker for gastric cancer." *Molecular Cancer*, 2015, Vol. 14: 202.
25. So CC, Chan AY, Chan JC, Ma ES. "Alpha thalassemia trait masquerading as hemoglobin H disease due to co-existing primary myelofibrosis." *Annals of Hematology*, 2015, Vol. 94(5): 875-877.
26. Sun K, Jiang P, Chan AKC, Wong J, Cheng YKY, Liang RHS, Chan WK, Ma ESK, Chan SL, Cheng SH, Chan RWY, Tong YK, Ng SSM, Wong RSM, Hui DSC, Leung TN, Leung TY, Lai PBS, Chiu RWK, Lo YMD, "Plasma DNA tissue mapping by genome-wide methylation sequencing for noninvasive prenatal, cancer and transplantation assessments", *Proceedings of the National Academy of Sciences of the United States of America*, 2015, Vol. 112(40): E5503-5512
27. Wang YXJ, Griffith JF, Deng M, Yeung DK, Yuan J. "Rapid increase in marrow fat content and decrease in marrow perfusion in lumbar vertebra following bilateral oophorectomy: an MR imaging-based prospective longitudinal study." *Korean Journal of Radiology*, 2015, Vol. 16(1): 154-159.
28. Wing YK, Lam SP, Zhang JH, Leung E, Ho CL, Chen SR, Cheung MK, Li SX, Chan JWY, Mok V, Tsoh J, Chan A, Ho CKW, "Reduced Striatal Dopamine transmission in REM Sleep Behaviour Disorder co-morbid with depression." *Neurology*, 2015, Vol. 84(5): 516-522.
29. Wood HE, Marlin N, Mudway IS, Bremner SA, Cross L, Dundas I, Grieve A, Grigg J, Jamaludin JB, Kelly FJ, Lee T, Sheikh A, Walton R, Griffiths CJ, "Effects of Air Pollution and the Introduction of the London Low Emission Zone on the Prevalence of Respiratory and Allergic Symptoms in Schoolchildren in East London: A Sequential Cross-Sectional Study", *PLoS One*, 2015, Vol. 10(8); e0109121
30. Wun YT, Lam TP, Lam KF, Ho PL, Yung WH. "Are There Differences in Antibiotic Use Between the Recent-Immigrants from Mainland China and the Local-Born in Hong Kong?" *Journal of Immigrant and Minority Health*, 2015, Vol. 17(4): 1177-1184.

31. Yang J, Wong A, Wang Z, Liu W, Au L, Xiong Y, Chu WW, Leung EY, Chen SR, Lau C, Chan AY, Lau AY, Fan F, Ip V, Soo Y, Leung T, Ho CL, Wong KS, Mok VC, "Risk Factors for Incident Dementia after Stroke and Transient Ischemic Attack." *Alzheimer's and Dementia*, 2015, Vol. 11(1): 16-23.
32. Yau T, Chen PN, Chan P, Chen L, Yuen J, Pang R, Fan ST, Wheatley DN, Poon RT. "Preliminary efficacy, safety, pharmacokinetics, pharmacodynamics and quality of life study of pegylated recombinant human arginase 1 in patients with advanced hepatocellular carcinoma." *Investigational New Drugs*, 2015, Vol. 33(2): 496-504.
33. Yip CH, Buccimazza I, Hartman M, Deo SV, Cheung PS. "Improving outcomes in breast cancer for low and middle income countries." *World Journal of Surgery*, 2015, Vol. 39(3): 686-692.

Review Article

34. Chan J. "Management of Cow's Milk Protein Allergy." *HK Medical Diary*, 2015, Vol. 20(5): 15-16.
35. Chan YT, Ho HK, Lai CKW, Lau CS, LAU YL, Lee TH, TF Leung, Wong GWK, Wu YY. "Under Provision of Allergy Services and Training in Hong Kong." *HK Medical Diary*, 2015, Vol. 20(5): 7-8.
36. Chan YT, Ho HK, Lai CKW, Lau CS, Lau YL, Lee TH, Leung TF, Wong GWK, Wu YY. "Allergy in Hong Kong: an unmet need in service provision and training." *Hong Kong Medical Journal*, 2015, Vol. 21(1): 52-60.
37. Fan ST, Le Treut YP, Mazzaferro V, Burroughs AK, Olausson M, Breitenstein S, Frilling A. "Liver transplantation for neuroendocrine tumour liver metastases." *HPB (Oxford)*, 2015, Vol. 17(1): 23-28
38. Round WH, Jafari S, Kron T et al. (Cheung KY) "Brief histories of medical physics in Asia-Oceania." *Australasian Physical & Engineering Sciences in Medicine*, 2015, Vol. 38(3): 381-398.
39. Wang YX, Zhang Q, Li X, Chen W, Ahuja A, Yuan J, "T1ρ magnetic resonance: basic physics principles and applications in knee and intervertebral disc imaging", *Quantitative Imaging in Medicine and Surgery*, 2015, Vol. 5(6): 858-885.

Book Chapter

40. Cheung KY, Tabakov S. “International Organization for Medical Physics Statement”, Chapter 1, p.3-13 in *Radiation Protection in Medical Imaging and Radiation Oncology*, edited by Richard J. Vetter and Magdalena S. Stoeva, CRC Press, 2015
41. Cheung KY, “The Medical Physicists and the International Organization for Medical Physics (IOMP)”, Chapter 16, p.341-350 in *Radiation Protection in Medical Imaging and Radiation Oncology*, edited by Richard J. Vetter and Magdalena S. Stoeva, CRC Press, 2015
42. Yuan J, Wang JYX, “T1rho MR Imaging Principle, Technology, and Application”, Chapter 1, p.1-26 in *MRI: Physics, Image Reconstruction, and Analysis (Devices, Circuits, and Systems)*, edited by Angshul Majumdar and Rabab Kreidieh Ward, CRC Press, 2015

Editorial

43. Lee TH. “Why Are Allergists Needed in Hong Kong?” *HK Medical Diary*, 2015, Vol. 20(5): 3.

Professional Guidelines

44. Chan AWM, Chan JKC, Tam AYC, Leung TF, Lee TH. “Guidelines for Allergy Prevention in Hong Kong”, Approved guidelines of Hong Kong Institute of Allergy.

Position Paper

45. Chan KC, Chan WM, Ho HK, Lee TH. “HKIA Position paper on Prevention of Peanut Allergy in High Risk Infants.” June 2015. Retrieved from <http://www.allergy.org.hk/>

Case Report

46. Kwok AKH, Yam JCS, Ting J, Ng DSC, Kwok VOH, Chen Y, “Simultaneous Central Retinal Vein Occlusion and Branch Retinal Artery Occlusion in a Young Patient with Gout”, *Journal of Clinical & Experimental Ophthalmology*, 2015, Vol. 6(3): 1000434

Oral & Poster Presentations

American Association of Physicists in Medicine (AAPM) 57th Annual Meeting

Oral Presentation

47. Law WK, Yuan J, Lo GG, Wong OL, Ding AY, Cheng KF, Chan KT, Cheung KY and Yu SK. "A phantom study of MR geometric distortion and its orientation dependency on a 1.5T MR-simulator." *AAPM 57th Annual meeting, Anaheim, the U.S.A.*, July 2015.

Poster Presentations

48. Choi HHF, Leung TM, Yang B, Chiu TL, Wu PM, Cheung KY and Yu SK. "Level of Residual Radioactivity of Activated Parts of a Decommissioned Cyclotron." *AAPM 57th Annual meeting, Anaheim, the U.S.A.*, July 2015.
49. Wong OL, Lo GG, Yuan J, Law M, Ding A, Cheng K, Chan K, Cheung KY and Yu SK. "Comparison of Delineation Variability of Soft Tissue Volume and Position in Head-and-Neck Between Two T1-Weighted Pulse Sequences Using An MR-Simulator with Immobilization." *AAPM 57th Annual meeting, Anaheim, the U.S.A.*, July 2015.

American Society for Radiation Oncology (ASTRO) 57th Annual Meeting

Poster Presentations

50. Chiu TL, Yang B, Cheung CW, Geng H, Lam WW, Kong CW, Cheung KY, Yu SK. "Feasibility of Fluorescent Screen-Based Quality Assurance System for Afterloading HDR Unit." *ASTRO 57th Annual Meeting, San Antonio, the U.S.A.*, October 2015; Also appeared in *International Journal of Radiation Oncology* Biology* Physics*, 2015, Vol. 93(3, Supp.): E495
51. Ding Y, Wong OL, Lo GG, Yuan J, Law MWK, Cheng KF, Chan KT, Cheung KY, Yu SK. "A Prospective Study of Soft Tissue Positional Repeatability in Head and Neck on a Dedicated MR Simulator." *ASTRO 57th Annual Meeting, San Antonio, the U.S.A.*, October 2015; Also appeared in *International Journal of Radiation Oncology* Biology, Physics** 2015, Vol. 93(3, Supp.): E550-E551.
52. Kong CW, Ho YW, Lo SG, Geng H, Lam WW, Yu SK, Cheung KY. "Dosimetric Effect of the Duration of Gating Window on Respiratory

Phase-Based Gated VMAT.” *ASTRO 57th Annual Meeting, San Antonio, the U.S.A.*, October 2015; Also appeared in *International Journal of Radiation Oncology* Biology* Physics*, 2015, Vol. 93(3, Supp.): E563.

53. Lam WW, Geng H, Kong CW, Ho YW, Wong WK, Yang B, Cheung KY, Yu SK. “A Comparison of Plan Quality and Delivery Efficiency Between Helical Tomotherapy in Fixed and Dynamic Delivery Mode in the Treatment of Nasopharyngeal Carcinoma.” *ASTRO 57th Annual Meeting, San Antonio, the U.S.A.*, October 2015; Also appeared in *International Journal of Radiation Oncology* Biology* Physics*, 2015, Vol. 93(3, Supp.): E310-E311.
54. Lee PMH, Man SY, Mui WL. “Flattening Filter Free Volumetric Modulated Arc Therapy (FFF-VMAT) Approach for Stereotactic Body Radiotherapy (SBRT) in Patients With Non-small-cell Lung Cancer (NSCLC): Dosimetric Potential Compared With Flattening Filtered Volumetric Modulated Arc Therapy (FF-VMAT) and Helical Tomotherapy (HT).” *ASTRO 57th Annual Meeting, San Antonio, the U.S.A.*, October 2015; Also appeared in *International Journal of Radiation Oncology* Biology* Physics*, 2015, Vol. 93(3, Supp.): E556.
55. Yang B, Chiu TL, Geng H, Lam WW, Kong CW, Cheung CW, Cheung KY, Yu SK. “Application of Nonlinear Least Square Optimization in Solving a Blurring Kernel for a Fluorescent Screen-CCD Dosimetry System.” *ASTRO 57th Annual Meeting, San Antonio, the U.S.A.*, October 2015; Also appeared in *International Journal of Radiation Oncology* Biology* Physics*, 2015, Vol. 93(3, Supp.): E552.

European Congress of Clinical Microbiology and Infectious Disease (ECCMID)

56. Lam HY, Chan TM, Lai TW, Chan WS, Tong TYT, Chen JHK, Tang BSF. “Evaluating the performance of Luminex xMAP Salmonella Serotyping Assay for the determination of Salmonella serovars from both intestinal and extraintestinal infection in Hong Kong.” *25th ECCMID, Copenhagen, Denmark*, April 2015.

European Congress of Radiology (ECR) 2015

Poster Presentation

57. Ho YW, Yu SK, Wong WK, Kong CW, Lam WW. "Scan time and radiation dose reduction in TomoTherapy MVCT imaging without image quality degradation." *ECR 2015*, Vienna, Austria, March 2015.
58. Lee R, Lo GG, Ai V, Chan KM, Chan PL, Li WW, Liu CW, Hung ML. "3 Tesla MRI evaluation of Pectus Carinatum with Breath-hold Imaging." *ECR 2015*, Vienna, Austria, March 2015.
59. Lee R, Lo GG, Ai V, Chan KM, Chan PL, Li WW, Liu CW, Hung ML. "MRI evaluation of Pectus Carinatum: Preliminary Experience", *ECR 2015*, Vienna, Austria, March 2015.
60. Ai V, Wong R, Otani K, Chin WL, Lau SM, Leung L, Lo GG. "Image Quality and Sharpness of Ground-glass Nodules on Ultralow dose CT at 0.3 mSv using Tin Filtration: Comparison of Five Iterative Reconstruction Strengths", *ECR 2015*, Vienna, Austria, March 2015.

European Society for Magnetic Resonance in Medicine and Biology

61. Lee R, Lo G, Ai V, Chan KM, Yuen CT, Tang J, Kong KS, Hung ML. "Evaluation of liver fat fraction by IDEAL multi-echo GRE & correlation to age, gender & body mass index in healthy adults." *ESMRMB 32nd Annual Scientific Meeting*, Edinburgh, United Kingdom, October 2015.
62. Wong OL, Lo GG, Yuan J, Chan HHL, Wong TT, Cheung PSY. "Is macro-vascular increase in unilateral breast cancer associated with micro-vascular variation in breast fibroglandular tissues? An intravoxel incoherent motion (IVIM) breast MRI study", *ESMRMB 32nd Annual Scientific Meeting*, Edinburgh, United Kingdom, October 2015

European Society for Radiotherapy & Oncology (ESTRO) 3rd Forum

Poster Presentations

63. Chiu G, Fung WK, Wu WC. "Geometric and actual dose delivery accuracy in supine and prone position of breast tomotherapy." *3rd ESTRO Forum*, Barcelona, Spain, April 2015; Also appeared in *Radiotherapy and Oncology*, 2015, Vol. 115(Supp. 1): S596-S597.
64. Chiu TL, Yang B, Geng H, Lam WW, Kong CW, Cheung CW, Cheung KY, Yu SK. "Feasibility of luminescence screen based quality assurance system for verification of SRS beams." *3rd ESTRO Forum*, Barcelona, Spain, April 2015; Also appeared in *Radiotherapy and Oncology*, 2015, Vol. 115(Supp. 1): S410
65. Ding AY, Wong OL, Lo GG, Yuan J, Law WK, Cheng KF, Chan KT, Cheung KY, Yu SK. "Assessment of regional positional repeatability in head and neck using a dedicated MR simulator." *3rd ESTRO Forum*, Barcelona, Spain, April 2015; Also appeared in *Radiotherapy and Oncology*, 2015, Vol. 115(Supp. 1): S514-S515
66. Fung WK, Chiu G, Lee WM, Wu WC. "Comparing planned (theoretical) and treated (real) dose of large breast tomotherapy in supine and prone position." *3rd ESTRO Forum*, Barcelona, Spain, April 2015; Also appeared in *Radiotherapy and Oncology*, 2015, Vol. 115(Supp. 1): S609
67. Geng H, Lam WW, Kong CW, Cheung KY, Yu SK. "Reduction of delivery time in tomotherapy stereotactic radiosurgery using dynamic jaw technique." *3rd ESTRO Forum*, Barcelona, Spain, April 2015; Also appeared in *Radiotherapy and Oncology*, 2015, Vol. 115(Supp. 1): S768.
68. Kong CW, Ho YW, Geng H, Lam WW, Chiu TL, Wong WK, Yu SK, Cheung KY. "Quality Assurance on Helical Tomotherapy Treatments with small target and high modulation factor using ArcCHECK." *3rd ESTRO Forum*, Barcelona, Spain, April 2015; Also appeared in *Radiotherapy and Oncology*, 2015, Vol. 115(Supp. 1): S759
69. Lam WW, Geng H, Kong CW, Ho YW, Yang B, Chiu TL, Choi HF, Cheung KY, Yu SK. "Dosimetric impact on different target separations in craniocaudal direction using dynamic jaws in Tomotherapy." *3rd ESTRO Forum*, Barcelona, Spain, April 2015; Also appeared in *Radiotherapy and Oncology*, 2015, Vol. 115(Supp. 1): S897

70. Law WK, Yuan J, Lo GG, Ding AY, Wong OL, Cheng KF, Chan KT, Cheung KY, Yu SK. "Quantitative assessment of 3D geometric accuracy of a 1.5T wide-bore MR-simulator: a phantom study" *3rd ESTRO Forum*, Barcelona, Spain, April 2015; Also appeared in *Radiotherapy and Oncology*, 2015, Vol. 115(Supp. 1): S518-S519
71. Li CH, Wu VWC, Chiu G,. "Dosimetric impact of brachial plexus delineation in radiotherapy planning of nasopharyngeal carcinoma." *3rd ESTRO Forum*, Barcelona, Spain, April 2015; Also appeared in *Radiotherapy and Oncology*, 2015, Vol. 115(Supp. 1): S588-S589.
72. Yang B, Lam WW, Cheung KY, Yu SK. "Unsupervised clustering in gene expression profiling to make prognosis for malignant gliomas." *3rd ESTRO Forum*, Barcelona, Spain, April 2015; Also appeared in *Radiotherapy and Oncology*, 2015, Vol. 115(Supp. 1): S581

Oral Presentation

73. Mui WL. "Sparing of cochleae and eyes in whole brain radiation therapy with boost by helical tomotherapy and noncoplanar VMAT." *3rd ESTRO Forum*, Barcelona, Spain, April 2015; Also appeared in *Radiotherapy and Oncology*, 2015, Vol. 115(Supp. 1): S56

Global Breast Cancer Conference 2015 & 4th International Breast Cancer Symposium

74. Chan TL, Ho D, Au CH, Law F, Ip BK, Wong A, Choy G, To R, Shin V, Ma E, Kwong A. "The transition to next generation sequencing (NGS) from conventional Sanger sequencing for breast cancer genetic study." *GBCC 2015 & 4th IBCS*, Jeju Island, Korea, April 2015.

International Society for Magnetic Resonance in Medicine (ISMRM) 23rd Annual Meeting & Exhibition

Poster Presentations

75. Chen S, Deng M, Yuan J, Wang YXJ. "Chemical exchange saturation transfer (CEST) MR imaging of rat liver with fasting or CCl₄ intoxication", *ISMRM 23rd Annual Meeting*, Toronto, Canada, June 2015.
76. Law WK, Yuan J, Lo GG, Wong OL, Ding Y, Yu SK. "Image Hessian based Automatic Cranium Segmentation for Blackbone and Silenz MRI." *ISMRM 23rd Annual Meeting*, Toronto, Canada, June 2015.
77. Liang L, Yuan J, Xu J, Ma HT. "Optimal Sampling Schedule for PARACEST Agents and Analysis of its Performance", *ISMRM 23rd Annual Meeting*, Toronto, Canada, June 2015.
78. Wang YX, Mok GSP, Zhang D, Chen SZ, Yuan J. "A comparison of three approaches for defining nucleus pulposus and annulus fibrosus on sagittal MR images." *ISMRM 23rd Annual Meeting*, Toronto, Canada, June 2015.
79. Wong OL, Lo GG, Yuan J, Chung WK, Law WK, Ho WH, and Noseworthy MD. "Evaluation of Pseudo-Hepatic Anisotropy Artifact in Liver Intravoxel Incoherent Motion (IVIM) based on Clustering Technique." *ISMRM 23rd Annual Meeting*, Toronto, Canada, June 2015.
80. Wong OL, Lo GG, Li WW, Yuan J, Lee R and Noseworthy MD. "Intra-session and Inter-session Repeatability of Diffusion Tensor Measurement in Normal Human Liver." *ISMRM 23rd Annual Meeting*, Toronto, Canada, June 2015.
81. Yuan J, Lo GG, Wong OL, Chan HL, Ding Y, Wong TT, and Cheung SY. "Statistical Assessment of Diffusion Weighted Signal Decay in Breast Cancer Tumors at 3T: Mono-exponential or Bi-exponential?" *ISMRM 23rd Annual Meeting*, Toronto, Canada, June 2015.
82. Yuan J, Lo GG, Wong OL, Chan HL, Ding Y, Wong TT and Cheung SY. "Intravoxel incoherent motion MRI may reveal microvascular variation of fibroglandular tissues in breast cancer." *ISMRM 23rd Annual Meeting*, Toronto, Canada, June 2015.
83. Yuan J, Lo GG, Ding Y, Wong OL, Chan HL, Wong TT, Cheung SY. "A study of correlation between intra-voxel incoherent motion parameters and dynamic

contrast enhanced MRI in breast cancer”, *ISMRM 23rd Annual Meeting*, Toronto, Canada, June 2015.

The 109th Meeting of Japan Society of Medical Physics (JSMP)

Oral Presentation

84. Cheung KY. “Clinical Training of Medical Physicists Specializing in Radiation Oncology.” *The 109th JSMP Symposium 1*, April 16-19, 2015, Yokohama, Japan; also appeared in *Japanese Journal of Medical Physics*, Vol.35, Sup. 1, pp 17-18, 2015.

Particle Therapy Co-Operative Group (PTCOG) 54th Annual Meeting

Poster Presentation

85. Lo SG, Cheung CW, Law WK, Lam WW, Kong CW, Yang B, Cheung KY and Yu SK. “Monte Carlo study of activation levels of substances in a synchrotron based proton facility.” *PTCOG 54th Annual Conference, San Diego, the U.S.A.*, May 2015.

The RSNA 101th Scientific Assembly and Annual Meeting

86. Chen SR, Cheung W, Leung W, Leung YL, Cheng KC, Wong KN, and Ho CL. “Prognostic importance of 11C-acetate and 18F-FDG PET/CT in HCC patients treated by Y90-SIRT”, *the RSNA 101th Scientific Assembly and Annual Meeting*, November 29 - December 4, 2015, McCormick Place, Chicago, Illinois.
87. Cheung W, Chen SR, Cheng KC, Leung YL, Wong KN, Cheung MK and Ho CL. “Dual-tracer (11C-acetate & 18F-FDG) PET/CT characteristics of Waldenström Macroglobulinaemia”, *the RSNA 101th Scientific Assembly and Annual Meeting*, November 29 - December 4, 2015, McCormick Place, Chicago, Illinois.
88. Cheng KC, Chen SR, Leung YL, Wong KN, Cheung W, and Ho CL. “Dual-tracer (11C-acetate & 18F-FDG) PET/CT in evaluating Gastrointestinal Stromal

Tumors and predicting the mitotic rate”, *the RSNA 101th Scientific Assembly and Annual Meeting*, November 29 - December 4, 2015, McCormick Place, Chicago, Illinois.

89. Yuan J, Lo GG, Wong OL, Ding AY, Chan HHL, Wong TT, Cheung PSY. “Correlation between intra-voxel incoherent motion MRI and dynamic contrast enhanced MRI in breast cancer at 3T”, *the RSNA 101th Scientific Assembly and Annual Meeting*, November 29 - December 4, 2015, McCormick Place, Chicago, Illinois.

Society of Nuclear Medicine and Molecular Imaging (SNMMI) 2015 Annual Meeting

Oral Presentations

90. Chen SR, Leung YL, Cheng KC, Wong KN, Cheung SK, Chim J, Ho CL. “¹¹C-acetate PET/CT predicts 4-year overall survival for patients with newly diagnosed myeloma”, *the SNMMI 2015 Annual Meeting*, June 6 - June 10, 2015, Baltimore, MD. Also appeared in *The Journal of Nuclear Medicine*, Vol. **56**, No. 5 (suppl. 3): 657, 2015
91. Chen SR, Leung YL, Cheng KC, Wong KN, Cheung SK, Cheung MK, Ho CL. “¹¹C-acetate PET/CT for evaluation of PSA relapse post radical prostatectomy”, *the SNMMI 2015 Annual Meeting*, June 6 - June 10, 2015, Baltimore, MD. Also appeared in *The Journal of Nuclear Medicine*, Vol. **56**, No. 5 (suppl. 3): 512, 2015
92. Chen SR, Cheung SK, Leung WT, Leung YL, Cheng KC, Wong KN, Ho CL. “¹⁸F-FDG and ¹¹C-acetate PET/CT predicts treatment response and survival of a cohort of BCLC B-C patients treated by Y90-SIRT”, *the SNMMI 2015 Annual Meeting*, June 6 - June 10, 2015, Baltimore, MD. Also appeared in *The Journal of Nuclear Medicine*, Vol. **56**, No. 5 (suppl. 3): 573, 2015

Poster Presentation

93. Chen SR, Cheung SK, Cheng KC, Leung YL, Wong KN, Ho CL. “¹¹C-acetate PET/CT for prediction of negative lymph node involvement of prostate cancer before prostatectomy”, *the SNMMI 2015 Annual Meeting*, June 6 - June 10, 2015,

Baltimore, MD. Also appear in *The Journal of Nuclear Medicine*, Vol. **56**, No. 5 (suppl. 3): 1444, 2015

World Congress on Medical Physics & Biomedical Engineering 2015

Oral Presentation

94. Cheung KY. “Appropriate technology in imaging and radiotherapy – Functionality and Safety aspects” *WC2015*, Toronto, Canada, June 2015.
95. Cheung KY, “The International Organization for Medical Physics”, Oral Presentation, ICSU BioUnions Cluster Session, *WC2015*, Toronto, Canada, June 2015.
96. Cheung KY, “What is leadership?”, In Roundtable from Recognized Leaders, *WC2015*, Toronto, Canada, June 2015.

15th Asia-Oceania Congress of Medical Physics, 5-8 November 2015

Oral Presentation

97. Cheung KY. “Professional Accreditation of Medical Physicists” *AOCMP2015*, Xian, China, November 2015.
98. Cheung KY. “The Way-Forward in Development of Medical Physics- IOMP Perspective” *AOCMP2015*, Xian, China, November 2015.

Association for Molecular Pathology 2015 Annual Meeting

Poster Presentation

99. Chen JH, Xu J, Jiang Y, Ma ES, Tang BS, Lam HY, Yip CC, Cheng VC, Zhang H, Yuen KY. “Assessment of a high-throughput next-generation multiplex respiratory pathogen panel”, *AMP2015 Annual Meeting*, ID44. Austin, Texas, USA, November 2015

Advanced MRI Fast Imaging, RF Technologies and Applications Workshop

Invited talk

100. Yuan J. “The coming era of MRI for radiation therapy”, Organized by Paul C, Lauterbur Research Center for Biomedical Imaging, Shenzhen, Institutes of Advanced Technology, Chinese Academy of Sciences, December 2015

2015 San Antonio Breast Cancer Symposium (SABCS)

Poster Presentation

101. Kwong A, Shin VY, Au CH, Law FB, Ho DN, Ip BK, Wong AT, Lau SS, To RM, Choy G, Ford JM, Ma ES, Chan TL. “Evaluation on the mutational screening by next-generation sequencing in hereditary breast and ovarian cancer: Implementation of recurrent mutation panel”, *SABCS2015*, San Antonio, Texas, USA, December 2015

The 31st Japan Conference of Radiological Technologists (JCRT31)

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