

Publication List

2018

Journal Publications

1. Brainstorm Consortium et al. (Ng PW). "Analysis of shared heritability in common disorders of the brain." *Science*, 2018, Vol. 360: 6395.
2. Chan AW, Hon KL, Leung TF, Ho MH, Roda Dugue JS, Lee TH. "The effects of global warming on allergic diseases." *Hong Kong Medical Journal*, 2018, Vol. 24(3): 277-284.
3. Chan JKC, Lee TH, Chan WM, Chow WS, Luk WP, Fung LH, Kwok C, Chi SF. "A Study on Maternal Diet and Prospective Allergenic Solid Food Introduction among Chinese Infants Surveyed in a Private Hospital in Hong Kong." *Journal of Practical and Professional Nursing*, 2018, Vol.2: 008.
4. Chan TCY, Wang YM, Yu M, Jhanji V. "Comparison of Corneal Tomography and a New Combined Tomographic Biomechanical Index in Subclinical Keratoconus." *Journal of Refractive Surgery*, 2018, Vol. 34(9): 616-621.
5. Chan WS, Au CH, Ho DN, Chan TL, Ma ESK, Tang BSF. "Prospective study on human fecal carriage of Enterobacteriaceae possessing mcr-1 and mcr-2 genes in a regional hospital in Hong Kong." *BMC Infectious Diseases*, 2018, Vol. 18(1): 81.
6. Chan WS, Au CH, Leung HC, Ho DN, Chan TL, Lam TW, Ma ES, Tang BS. "Draft Genome Sequence of *Helicobacter cinaedi*, Compiled by Direct Whole-Genome Sequencing of a Blood Culture-Positive Isolate in Hong Kong." *Microbiology Resource Announcements*, 2018, Vol. 7(18): e01263-18.
7. Chan YH, Yau WM, Cheung PS. "Oncological Safety and Technical Feasibility of Nipple-Sparing Mastectomy for Breast Cancer: The Hong Kong Experience." *World Journal of Surgery*, 2018, Vol. 42(5): 1375-1383.

8. Chen JH, Lam HY, Yip CC, Cheng VC, Chan JF, Leung TH, Sridhar S, Chan KH, Tang BS, Yuen KY. "Evaluation of the molecular Xpert Xpress Flu/RSV assay vs. Alere i Influenza A & B assay for rapid detection of influenza viruses." *Diagnostic Microbiology and Infectious Disease*, 2018, Vol. 90(3): 177-180.
9. Cheng VCC, Wong SC, Wong SCY, Sridhar S, Yip CCY, Chen JHK, Fung J, Chiu KHY, Ho PL, Chen SR, Cheng BWC, Ho CL, Lo CM, Yuen KY. "Nosocomial transmission of hepatitis C virus in a liver transplant center in Hong Kong: implication of reusable blood collection tube holder as the vehicle for transmission." *Infection Control & Hospital Epidemiology*, 2018, Vol. 39(10): 1170-7.
10. Cheung DS, Or CK, So MK, Tiwari A. "Usability Testing of a Smartphone Application for Delivering Qigong Training." *Journal of Medical Systems*, 2018, Vol. 42(10): 191.
11. Cheung KS, Leung LP, Siu YC, Tsang TC, Tsui MS, Tam CC, Chan RH. "Prehospital 12-lead electrocardiogram for patients with chest pain: a pilot study." *Hong Kong Medical Journal*, 2018, Vol. 24(5): 484-491.
12. Cheung KW, Sang KK, Lam HI, Chan WM, Wu PM, Choi HF, Ho YW, Law MYY. "Imaging dose of megavoltage computed tomography (MVCT) for treatment verification in the tomotherapy of breast cancer." *Journal of Radiotherapy in Practice*, 2018, Vol. 17(2): 244-252.
13. Chua GT, Li PH, Ho HK, Lai E, Ngai V, Yau YS, Kwan YW, Leung TF, Lee TH. "Hong Kong Institute of Allergy and Hong Kong Society for Paediatric Immunology Allergy & Infectious Diseases joint consensus statement 2018 on vaccination in egg-allergic patients." *Hong Kong Medical Journal*, 2018, Vol. 24(5): 527-531.
14. Gibofsky A, Galloway J, Kekow J, Zerbini C, de la Vega M, Lee G, Lee EY, Codreanu C, Koehn C, Steinberg K, Bananis E, de Leon DP, Maniccia A, Dikranian A, RA NarRative global advisory panel. "Comparison of patient and physician perspectives in the management of rheumatoid arthritis: results

- from global physician- and patient-based surveys.” *Health and Quality of Life Outcomes*, 2018, Vol. 16(1): 211.
15. Ho CL, Chen S, Cheung SK, Leung YL, Cheng KC, Wong KN, Wong YG, Leung TWT. “Radioembolization with 90Y glass microspheres for hepatocellular carcinoma: significance of pretreatment 11C-acetate and 18F-FDG PET/CT and posttreatment 90Y PET/CT in individualized dose prescription.” *European Journal of Nuclear medicine and Molecular Imaging*, 2018, Vol. 45(12): 2110-2121.
 16. Huang B, Chen Z, Wu PM, Ye Y, Feng ST, Wong CO, Zheng L, Liu Y, Wang T, Li Q, Huang B. “Fully Automated Delineation of Gross Tumor Volume for Head and Neck Cancer on PET-CT Using Deep Learning: A Dual-Center Study.” *Contrast Media & Molecular Imaging*, 2018, 8923028.
 17. Kwong A, Ho JCW, Shin VY, Kurian AW, Tai E, Esserman LJ, Weitzel JN, Lin PH, Field M, Domchek SM, Lo J, Ngan HYS, Ma ESK, Chan TL, Ford JM. “Rapid detection of BRCA1/2 recurrent mutations in Chinese breast and ovarian cancer patients with multiplex SNaPshot genotyping panels.” *Oncotarget*, 2018, Vol. 9(8): 7832-7843.
 18. Kwong KM, Tam CC, Chan R, Lee SWL, Ip P, Kowk J. “Comparison of Single Nucleotide Polymorphism genotyping of CYP2C19 by Loop-mediated isothermal amplification and real-time PCR melting curve analysis.” *Clinica Chimica Acta*, 2018, Vol. 478: 45-50.
 19. Law BKH, King AD, Ai QY, Poon DMC, Chen W, Bhatia KS, Ajuja AT, Ma BB, Yeung DKW, Mo FKF, Wang YX, Yuan J. “Head and Neck Tumors: Amide Proton Transfer MRI.” *Radiology*, 2018, Vol. 288(3): 782-790.
 20. Leung JCK, Lai KN, Tang SCW. “Role of Mesangial-Podocytic-Tubular Cross-Talk in IgA Nephropathy.” *Seminars in Nephrology*, 2018, Vol. 38(5): 485-495.
 21. Li AKL, Wu VWC. “Dosimetric Impact of Bladder Volume Variation in Radiotherapy for Prostate Cancer – A Pilot Study.” *Journal of Cancer Science & Therapy*, 2018, Vol. 10(7): 173-177.

22. Loong H, Raymond V, Shiotsu Y, Chua DTT, Teo PML, Yung T, Skrzypczak S, Lanman RB, Mok TSK. "Clinical Application of Genomic Profiling With Circulating Tumor DNA for Management of Advanced Non-Small-cell Lung Cancer in Asia." *Clinical Lung Cancer*, 2018, Vol. 19(5): e601-e608.
23. Lu Y et al. (Kwong A.) "A Transcriptome-Wide Association Study Among 97,898 Women to Identify Candidate Susceptibility Genes for Epithelial Ovarian Cancer Risk." *Cancer Research*, 2018, Vol. 78(18): 5419-5430.
24. Ma J, Wang Y, Chan TCY. "Possible Risk Factors and Clinical Outcomes of Black Areas in Small-Incision Lenticule Extraction." *Cornea*, 2018, Vol. 37(8): 1035-1041.
25. Mak YW, Kao AHF, Tam LWY, Tse VWC, Tse DTH, Leung DYP. "Health-promoting lifestyle and quality of life among Chinese nursing students." *Primary Health Care Research & Development*, 2018, Vol. 19(6): 629-636.
26. Ng ALK, Chan TCY, Cheng ACK. "Comparison of Different Corneal Power Readings From Pentacam in Post-laser In Situ Keratomileusis Eyes." *Eye Contact Lens*, 2018, Vol. 44(Suppl 2): S370-S375.
27. Rebbeck TR et al. (Kwong A). "Mutational spectrum in a worldwide study of 29,700 families with BRCA1 or BRCA2 mutations." *Human Mutation*, 2018, Vol. 39(5): 593-620.
28. Shin VY, Siu MT, Liu X, Ng EKO, Kwong A, Chu KM. "MiR-92 suppresses proliferation and induces apoptosis by targeting EP4/Notch1 axis in gastric cancer." *Oncotarget*, 2018, Vol. 9(36): 24209-24220.
29. Tan K, Cheung CL, Yeung CY, Siu D, Leung J, Pang HK. "Genetic screening for familial hypercholesterolaemia in Hong Kong." *Hong Kong Medical Journal*, 2018, Vol. 24(Suppl 3): 7-10.
30. Tiwari A, Cheung DST, Hui V. "Improving mental health outcomes of Chinese women survivors of intimate partner violence through advocacy interventions." *Global Mental Health (Cambridge)*, 2018, Vol. 5: e15.

31. Wang YXJ, Deng M, Lo GG, Liang D, Yuan J, Chen W. "Breath-hold black-blood T1rho mapping improves liver T1rho quantification in healthy volunteers." *Acta Radiologica*, 2018, Vol. 59(3):257-265.
32. Whitworth J et al. (Kwong A). "Comprehensive Cancer-Predisposition Gene Testing in an Adult Multiple Primary Tumor Series Shows a Broad Range of Deleterious Variants and Atypical Tumor Phenotypes." *The American Journal of Human Genetics*, 2018, Vol. 103(1): 3-18.
33. Wing YK, Lam SP, Mok VC, Zhang J, Tsoh JM, Leung EY. "Early neurodegenerative biomarkers and clinical outcome in psychiatric patients with rapid eye movement sleep behaviour disorder: a prospective study." *Hong Kong Medical Journal*, 2018, Vol. 24(Suppl 3):24-28.
34. Wong KY, Yao Q, Yuan LQ, Li Z, Ma ES, Chim CS. "Frequent functional activation of RAS signalling not explained by RAS/RAF mutations in relapsed/refractory multiple myeloma." *Scientific Reports (Nature Publisher Group)*, 2018, Vol.8: 13522.
35. Wong RSM, Yu EYT, Guo VY, Wan EY, Chin WY, Wong CKH, Fung CSC, Tung KTS, Wong WH, Ip P, Tiwari AFY, Lam CLK. "A prospective cohort study to investigate parental stress and child health in low-income Chinese families: protocol paper." *BMJ Open*, 2018, Vol. 8(2): e018792.
36. Wong SS, Yip CC, Sridhar S, Leung KH, Cheng AK, Fung AM, Lam HY, Chan KH, Chan JF, Cheng VC, Tang BS, Yuen KY. "Comparative evaluation of a laboratory-developed real-time PCR assay and RealStar® Adenovirus PCR Kit for quantitative detection of human adenovirus." *Virology Journal*, 2018, Vol. 15(1): 149.
37. Zhang LJ, Shin VY, Chai X, Zhang A, Chan TL, Ma ESK, Rebbeck TR, Chen J, Kwong A. "Breast and ovarian cancer penetrance of BRCA1/2 mutations among Hong Kong women." *Oncotarget*, 2018, Vol. 9(38):25025-25033.
38. Zhou Y, Yuan J, Wong OL, Fung WWK, Cheng KF, Cheung KY, Yu SK. "Assessment of positional reproducibility in the head and neck on a 1.5-T MR

simulator for an offline MR-guided radiotherapy solution.” *Quantitative Imaging in Medicine and Surgery*, 2018, Vol. 8(9): 925-935.

Short Paper

39. Cheung SK, Ho IC, Chen SR, Wong YH, Ho CL. “Critique on Linear-No-Threshold model in assessment of radiation risk for medical imaging.” *National Medical Journal of China*, 2018, Vol. 98(13):1028-1029

Editorial

40. Liang R. “Genetic testing and counseling.” *Hong Kong Medical Journal*, 2018, Vol. 24(4): 328-329.

Review Article

41. Chang JSM. “Femtosecond laser-assisted astigmatic keratotomy: a review.” *Eye and Vision (London)*, 2018, Vol. 5:6
42. Lee WL, Chan J, Chi SF, Lee L, Lau PC, Wong CC, Chan F, Chan W, Lee TH. “The Journey to Create the New Allergy Centre in Hong Kong.” *Journal of Practical and Professional Nursing*, 2018, Vol.2: 005.
43. Yan MK, Chang JS, Chan TC. “Refractive regression after laser in situ keratomileusis.” *Clinical & Experimental Ophthalmology*, 2018, Vol. 46(8): 934-944.

Guideline

44. Gomi H et al. (Chan ACW, Fan ST). “Tokyo Guidelines 2018: antimicrobial therapy for acute cholangitis and cholecystitis.” *Journal of Hepato-Biliary-Pancreatic Sciences*, 2018, Vol. 25(1): 3-16.
45. Kiriya S et al. (Chan ACW). “Tokyo Guidelines 2018: diagnostic criteria and severity grading of acute cholangitis (with videos).” *Journal of Hepato-Biliary-Pancreatic Sciences*, 2018, Vol. 25(1): 17-30.
46. Mayumi T et al. (Chan ACW, Fan ST). “Tokyo Guidelines 2018: management bundles for acute cholangitis and cholecystitis.” *Journal of Hepato-Biliary-Pancreatic Sciences*, 2018, Vol. 25(1): 96-100.

47. Miura F et al. (Chan ACW). "Tokyo Guidelines 2018: initial management of acute biliary infection and flowchart for acute cholangitis." *Journal of Hepato-Biliary-Pancreatic Sciences*, 2018, Vol. 25(1): 31-40.
48. Okamoto K et al. (Chan ACW, Fan ST). "Tokyo Guidelines 2018: flowchart for the management of acute cholecystitis." *Journal of Hepato-Biliary-Pancreatic Sciences*, 2018, Vol. 25(1): 55-72.
49. Wakabayashi G et al. (Chan ACW). "Tokyo Guidelines 2018: surgical management of acute cholecystitis: safe steps in laparoscopic cholecystectomy for acute cholecystitis (with videos)." *Journal of Hepato-Biliary-Pancreatic Sciences*, 2018, Vol. 25(1): 73-86.
50. Yokoe M et al. (Chan ACW). "Tokyo Guidelines 2018: diagnostic criteria and severity grading of acute cholecystitis (with videos)." *Journal of Hepato-Biliary-Pancreatic Sciences*, 2018, Vol. 25(1): 41-54.

Case Report

51. Seto A, Botelho MG, Ho EH, Jagannathan N. "Bilateral Condylar Hyperplasia-Nonsurgical Management: A Clinical Report." *The Journal of Contemporary Dental Practice*, 2018, Vol. 19(4): 463-467.

Summary Report

52. Chan NCY, Cheng ACO, Ho JCH, Lok JKH, Chan CKM. "Proceedings of the Neuro-Ophthalmology Program of the 33rd Asia-Pacific Academy of Ophthalmology Congress, Hong Kong, 8-11 February 2018." *Neuroophthalmology*, 2018, Vol. 42(5): 326-333.

Oral & Poster Presentations

Asian Pacific Association for the Study of the Liver (APASL) Single Topic Conference on HCC, 2018

Oral Presentation

53. Chen SR, Cheung SK, Leung WT, Leung YL, Cheng KC, Wong KN, Wong YH, Ho CL. "Correlation of treatment response with grades of cellular differentiation for hepatocellular carcinoma (HCC) undergoing 90Y-glass-microspheres radioembolization." *APASL Single Topic Conference on HCC*, Yokohama, Japan, May 11-13, 2018.

54. Chen SR, Leung WT, Leung YL, Cheng KC, Wong KN, Cheung SK, Wong YH, Ho CL. "Validation of pretreatment 99mTc-MAA-based dosimetry by post-treatment 90Y-PET/CT in HCC patients after 90Y glass-microspheres radioembolization." *APASL Single Topic Conference on HCC*, Yokohama, Japan, May 11-13, 2018.

1st UK Interdisciplinary Breast Cancer Symposium, 2018

Poster Presentation

55. Kwong A, Shin V, Au CH, Chan T, Ma E. "Identification of germline mutation using a 30-gene sequencing in breast cancer patients not found to carry BRCA mutations." *1st UK Interdisciplinary Breast Cancer Symposium*, January 15-16, 2018; also appeared on *Breast Cancer Research and Treatment*, 2018, Vol. 167(1):338-339.

American Society of Clinical Oncology (ASCO) Annual Meeting, 2018

Poster Presentation

56. Kwong A, Shin V, Au CH, Ho C, Chan TL, Ma ESK. "Multigene panel testing for hereditary breast and ovarian cancers: an analysis of 1303 BRCA-negative Chinese patients." *American Society of Clinical Oncology Annual Meeting 2018*, Chicago, IL, USA, June 1-5, 2018; also appeared on *Journal of Clinical Oncology*, 2018, Vol. 36(15_suppl): e13625.

European Society of Radiotherapy & Oncology (ESTRO 37), 2018

Oral Presentation

57. Cheng KF, Fok PH, Chiu G. "Reproducibility of head and neck setup in MR Simulator environment." *ESTRO 37*, Barcelona, Spain, April 20-24, 2018;

also appeared on *Radiotherapy & Oncology*, 2018, Vol. 127(Supp. 1): S105-S106.

58. Chui KY, Fung WK, Yuan J, Mui WL, Chiu G. “An evaluation of variabilities in organ-at-risk delineation for MR-only head and neck radiotherapy.” *ESTRO 37*, Barcelona, Spain, April 20-24, 2018; also appeared on *Radiotherapy & Oncology*, 2018, Vol. 127(Supp. 1): S221-S222.

Poster Presentation

59. Chiu ST, Wu PM, Cheng KF, Fok PH, Chiu G. “Dosimetric quality and delivery time of Dynamic Jaw Mode in TomoTherapy for Breast Cancer Patients.” *ESTRO 37*, Barcelona, Spain, April 20-24, 2018; also appeared on *Radiotherapy & Oncology*, 2018, Vol. 127(Supp. 1): S601-S602.
60. Chiu TL, Yang B, Cheung CW, Lam WW, Cheung KY, Yu SK. “Performance of fluorescent screen based quality assurance system for Cyberknife M6.” *ESTRO 37*, Barcelona, Spain, April 20-24, 2018; also appeared on *Radiotherapy & Oncology*, 2018, Vol. 127(Supp. 1): S916-S917.
61. Geng H, Lam WW, Kong CW, Yang B, Yu SK, Cheung KY. “Influence of metallic implant on different dose calculation algorithm in Cyberknife planning system.” *ESTRO 37*, Barcelona, Spain, April 20-24, 2018; also appeared on *Radiotherapy & Oncology*, 2018, Vol. 127(Supp. 1): S1033.
62. Ho YW, Kong CW, Geng H, Cheung KY, Yu SK. “Efficacy of rectal spacer to reduce rectum dose in HDR brachytherapy for carcinoma of uterine cervix.” *ESTRO 37*, Barcelona, Spain, April 20-24, 2018; also appeared on *Radiotherapy & Oncology*, 2018, Vol. 127(Supp. 1): S1231-S1232.
63. Kong CW, Ding Y, Cheung CW, Geng H, Lam WW, Chiu TL, Cheung KY, Yu SK. “Dose verification of Cyberknife MLC FSPB calculation algorithm in different treatment regions.” *ESTRO 37*, Barcelona, Spain, April 20-24, 2018; also appeared on *Radiotherapy & Oncology*, 2018, Vol. 127(Supp. 1): S941-S942.
64. Lee TY, Choi HHH, Wong WKR, Ho YW, Cheung KY, Yu SK. “Robustness of the TomoTherapy Exit Detector for Verifying MLC fluence Post-Irradiation.”

ESTRO 37, Barcelona, Spain, April 20-24, 2018; also appeared on *Radiotherapy & Oncology*, 2018, Vol. 127(Supp. 1): S940-S941.

65. Wong OL, Cheng KF, Yuan J, Fok PH, Zhou Y, Chiu G, Yu SK, Cheung KY. “Abdominal compression for SBRT: influence on 3D MRI image quality and diaphragm motion reduction.” *ESTRO 37*, Barcelona, Spain, April 20-24, 2018; also appeared on *Radiotherapy & Oncology*, 2018, Vol. 127(Supp. 1): S1169-S1170.

66. Wong OL, Cheng KF, Zhou Y, Yuan J, Chiu G, Yu SK, Cheung KY. “Compatibility test of a newly-designed patient transfer system with a 1.5T MR-simulator.” *ESTRO 37*, Barcelona, Spain, April 20-24, 2018; also appeared on *Radiotherapy & Oncology*, 2018, Vol. 127(Supp. 1): S1202.

Joint Annual Meeting International Society for Magnetic Resonance in Medicine (ISMRM) – European Society for Magnetic Resonance in Medicine & Biology (ESMRMB), 2018

Poster Presentation

67. Ding Y, Ho CL, Chan KT, Yuan J, Cheung KY, Yu SK. “Reduction of susceptibility artifacts in MR of permanent prostate gold seed for radiotherapy.” *Joint Annual Meeting ISMRM-ESMRMB 2018*, Paris, France, June 16-21, 2018.

68. Law MWK, Yuan J, Wong OL, Yu SK. “Skull Segmentation for MR-Only Radiotherapy Simulation using An Unsupervised-Learning Multi-Sequence Analysis Framework.” *Joint Annual Meeting ISMRM-ESMRMB 2018*, Paris, France, June 16-21, 2018.

69. Yuan J, Lo G, Ho CL, Chen SR, Chan H, Ai V, Cheung W, Wong C, Cheung P, Wong TT. “A study of correlation of the SUVmax and ADC in malignant breast tumors using simultaneous PET-MRI.” *Joint Annual Meeting ISMRM-ESMRMB 2018*, Paris, France, June 16-21, 2018.

70. Yuan J, Zhou Y, Wong OL, Cheng KY, Yu SK. “Development of a fast 4D-MRI with sub-second volumetric frame rate for respiratory motion

tracking in abdominal radiotherapy.” *Joint Annual Meeting ISMRM-ESMRMB 2018*, Paris, France, June 16-21, 2018.

Society of Nuclear Medicine and Molecular Imaging (SNMMI) 2018 Annual Meeting

Oral Presentation

71. Chen SR, Cheung W, Leung YL, Cheng KC, Wong KN, Wong C, Ho CL. “¹⁷⁷Lu-DOTATATE radionuclide therapy for pediatric patients with relapsed high-risk neuroblastoma negative on ¹³¹I-MIBG imaging – a pilot study.” *SNMMI 2018 Annual Meeting*, Philadelphia, Pennsylvania, June 23-26, 2018.
72. Chen SR, Lee G, Cheng KC, Leung YL, Wong KN, Cheung W, Wong C, Ho CL. “Biphasic exponential dosimetry model for ¹⁷⁷Lu-DOTATATE peptide receptor radionuclide therapy.” *SNMMI 2018 Annual Meeting*, Philadelphia, Pennsylvania, June 23-26, 2018.
73. Ho CL, Chan D, Chen SR, Leung YL, Chen E. “Patlak analysis of striatal dopamine synthesis capacity in earlier and later-onset psychotic illnesses with ¹⁸F-DOPA brain PET/MR.” *SNMMI 2018 Annual Meeting*, Philadelphia, Pennsylvania, June 23-26, 2018.

Global Breast Cancer Conference (GBCC), 2018

74. Ho CYS, Au CH, Ho DN, Shin VY, Chan TL, Ma ESK, Kwong A. “Somatic mutation profiling of breast cancer by next-generation sequencing.” *Global Breast Cancer Conference 2018*, Incheon, Korea, April 5-7 2018.
75. Ho DN, Au CH, Law FBF, Wong EYL, Chung Y, Lau J, Shin V, Chan TL, Ma ESK, Kwong A. “Long-Read Next Generation Sequencing Approach to Close the Gaps of Short-Read Sequencing in Hereditary Breast and/or Ovarian Cancer.” *Global Breast Cancer Conference 2018*, Incheon, Korea, April 5-7 2018.

46th Annual Scientific Meeting of the Hong Kong Society of Haematology, 2018

Poster Presentation

76. Ng MK, Au CH, Ip BK, To MYR, Choy G, Lam HY, Chan TL, Ma ESK. “Comparative study between CALR+ and JAK2 V617F+ myeloproliferative neoplasms.” *46th Annual Scientific Meeting of the Hong Kong Society of Haematology 2018*, Hong Kong, April 7, 2018.

XXXIst International Symposium on Technological Innovations in Laboratory Hematology, 2018

Poster Presentation

77. Ng EHY, Chan THC, Lau YS, Ma ESK. “PT and APTT-based clot waveform analysis of patient samples on direct oral anticoagulants.” *XXXIst International Symposium on Technological Innovations in Laboratory Hematology 2018*, Brussels, Belgium, May 10-12, 2018.

London Calling, 2018

Poster Presentation

78. Ho DN, Au CH, Law FBF, Wong EYL, Chung Y, Lau J, Wong ATC, Shin V, Chan TL, Ma ESK, Kwong A. “Long-Read Next Generation Sequencing Approach to Close the Gaps of Short-Read Sequencing in Hereditary Breast and/or Ovarian Cancer.” *London Calling 2018*, London, UK, May 24-15, 2018.

6th MR in RT Symposium, 2018

Oral Presentation

79. Zhou Y, Yuan J, Cheung KY, Yu SK. “Accelerating 3D head-and-neck MR imaging using convolutional neural network for MR-guided radiotherapy.” *6th MR in RT Symposium*, Utrecht, Netherlands, June 30 – July 3, 2018

20th International Society of Radiographers and Radiological Technologists (ISRRT), World Congress

Oral Presentation

80. Ku KM, YP Ng. “To evaluate the use of a Self-Held Respiration Monitoring Device (SHRMD) for Deep Inspiration Breath Hold (DIBH) radiotherapy to

left breast cancer patients.” 20th *ISRRT World Congress*, Port of Spain, Trinidad and Tobago, April 12-15, 2018.

European Congress of Radiology (ECR), 2018

Poster Presentation

81. Cheung CW, Ding Y, Kong CW, Yang B, Lam WW, Geng H, Yu SK. “Effect of Metal Artifact Reduction on Estimation of Relative Electron Density.” *ECR 2018*, Vienna, Austria, February 28 - March 4, 2018.

82. Lee R, Lo GG, Chan KF, Yuen CT, Chan KM, Liu MCW, Chan PLP. “Multi-parametric MRI (MP-MRI) in prostate- Experience and Technical Challenges.” *ECR 2018*, Vienna, Austria, February 28 - March 4, 2018.

Korean Congress of Radiology (KCR), 2018

Poster Presentation

83. Chan PL, Lee R, Liu CW, Tang J, Yuen CT, Li WW. “MR/PET Imaging of Prostate Cancer-Clinical Experiences and Challenges.” *KCR 2018*, Seoul, Korea, September 12-15, 2018

San Antonio Breast Cancer Symposium, 2018

Poster Presentation

84. Kwong A, Shin V, Au CH, Ho C, Slavin T, Weitzel J, Chan TL, Ma ESK. “Germline mutation in TP53 gene in a cohort of 2,561 Chinese high-risk breast cancer patients using multigene panel testing.” *San Antonio Breast Cancer Symposium 2018*, San Antonio, TX, USA, December 4-8, 2018

European Society of Human Reproduction and Embryology Annual Meeting, 2018

Poster Presentation

85. Ho DN, Lau J, Wong EYL, Au CH, Rocha KA, Xue L, Shum TW, Law YC, Ng YY, Lok IH, Tang OS, Ho PC, Chai J, Lam TS, Chan TL, Ma ESK. “Filling the gap of short-read next generation sequencing approach in PGD by long-read approach.” *European Society of Human Reproduction and*

Embryology Annual Meeting 2018, Barcelona, Spain, July 1-4, 2018; also appeared on *Human Reproduction*, 2018, Vol. 33(suppl): i419-i420.

17th Biennial Meeting of the International Gynecologic Cancer Society, 2018

Poster Presentation

86. Kwong A, Shin VY, Cheuk IW, Au CH, Ho CYS, Chan TL, Ma ESK. "Identification of germline mutation by 30 gene sequencing and clinical characteristics of Chinese with hereditary ovarian cancer." *17th Biennial Meeting of the International Gynecologic Cancer Society 2018*, Kyoto, Japan, September 14-16, 2018.

The 34th Japan Conference of Radiological Technologists (JCRT), 2018

Oral Presentation

87. Wong SM, Poon SW, Chan MT, Mui WL. "Radiation beam modulation selection between fixed cone, iris and multi-leaf collimator (MLC) in Cyberknife M6 treatments." *JCRT 2018*, Shimonoseki, Yamaguchi, Japan, September 21-23, 2018.

The 60th Annual Meeting of the American Society for Radiation Oncology (ASTRO), 2018

Poster Presentation

88. Kong CW, Geng H, Lam WW, Yang B, Wong WKR, Ding Y, Law WK, Lee TY, Cheung KY, Yu SK. "Investigation of dosimetric impact arising from the Cyberknife Xsight Lung tracking system using different Synchrony models." *ASTRO 2018*, San Antonio, Texas, October 21-24, 2018; also appeared on *International Journal of Radiation Oncology*Biophysics*, 2018, Vol. 102(3):e484-e485.
89. Ku KM, Ng YP, Yu SK, Kong CW, Kwok WM, Mui WL, Wong CM, Chiu G. "To evaluate the use of a homemade self-held respiration monitoring device (SHRMD) for deep inspiration breath hold (DIBH) radiation therapy to left breast cancer patients." *ASTRO 2018*, San Antonio, Texas, October 21-24,

2018; also appeared on *International Journal of Radiation Oncology*Biography*Physics*, 2018, Vol. 102(3):e556.

90. Lam CP, Wu VWC, Chiu G, Ng YP, Kong PSW, Wong CCM. “Dosimetric influences and reproducibility of flexed neck and extended neck set-up positions in helical tomotherapy treatment of nasopharyngeal carcinoma.” *ASTRO 2018*, San Antonio, Texas, October 21-24, 2018; also appeared on *International Journal of Radiation Oncology*Biography*Physics*, 2018, Vol. 102(3):e323.

91. Tam KT, Wu VWC, Chiu G, Wong CCM. “To Evaluate the Feasibility of Minimizing Ovarian Dose in Irradiation of Abdominal and Pelvic Malignancies by applying Optimal Margin in Helical Tomotherapy.” *ASTRO 2018*, San Antonio, Texas, October 21-24, 2018; also appeared on *International Journal of Radiation Oncology*Biography*Physics*, 2018, Vol. 102(3):e642.

92. Zhou Y, Yuan J, Wong OL, Cheung KY, Yu SK. “Respiratory induced kidney motion revealed by fast volumetric 4D-MRI and its influence on motion management strategy of stereotactic ablative renal radiotherapy.” *ASTRO 2018*, San Antonio, Texas, October 21-24, 2018; also appeared on *International Journal of Radiation Oncology*Biography*Physics*, 2018, Vol. 102(3):e560-e561.

60th Annual Meeting & Exhibition of American Association of Physicists in Medicine (AAPM), 2018

Oral Presentation

93. Law MWK, Yuan J, Wong OL, Yu SK. “Retrospective Geometric Distortion Correction of a Dedicated MR-Simulator for Radiotherapy.” *60th Annual Meeting & Exhibition of AAPM 2018*, Nashville, TN, July 29-Aug 2, 2018.

94. Wong OL, Yuan J, Zhou Y, Yu SK, Cheung KY. “Assessment of the Respiratory-Induced Kidney Motion Reproducibility by Fast Volumetric 4DMRI.” *60th Annual Meeting & Exhibition of AAPM 2018*, Nashville, TN, July 29-Aug 2, 2018.

95. Yang B, Wong W, Lam W, Geng H, Kong C, Lee T, Cheung K, Yu S. "QA of Manipulator-Pointing Accuracy for CyberKnife Using a Cylindrical Diode Array." *60th Annual Meeting & Exhibition of AAPM 2018*, Nashville, TN, July 29-Aug 2, 2018.

Poster Presentation

96. Chiu TL, Yang B, Tang KK, Cheung CW, Lam WW, Cheung KY, Yu SK. "Polarity Correction Factor and Out of Field Dose Measurement for FFF and FF Beam Using Two microchambers." *60th Annual Meeting & Exhibition of AAPM 2018*, Nashville, TN, July 29-Aug 2, 2018.

97. Choi HHF, Nam PH, Cheung KY, Yu SK. "Effect of reoxygenation on hypofractionated treatment: A theoretical comparison with the linear-quadratic model." *60th Annual Meeting & Exhibition of AAPM 2018*, Nashville, TN, July 29-Aug 2, 2018.

98. Ho CL, Wong OL, Yuan J, Cheung KY, Yu SK. "MR Simulator Quality Assurance Technique Using An ACR MRI Phantom Based On 3D MR Sequence to Accommodate Radiotherapy Applications." *60th Annual Meeting & Exhibition of AAPM 2018*, Nashville, TN, July 29-Aug 2, 2018.

99. Law MWK, Cheung CW, Lee MH, Tang KK, Chow SWK, Lee LWM, Wong M, Yoo S, Nam PH, Lee JWY, Yu SK. "A Study of Probability Distribution of Patient Setup Time in External Photon-Beam Treatment." *60th Annual Meeting & Exhibition of AAPM 2018*, Nashville, TN, July 29-Aug 2, 2018.

100. Yang B, Chiu TL, Law MWK, Tang K, Geng H, Lam W, Cheung KY, Yu SK. "A New Methodology of Evaluation of Respiratory Motion Tracking Errors of CyberKnife Using a 2D Detector Array." *60th Annual Meeting & Exhibition of AAPM 2018*, Nashville, TN, July 29-Aug 2, 2018.

101. Zhou Y, Yuan J, Wong OL, Cheung KY, Yu SK. "Quantification of Respiratory-Induced Volumetric Renal Motion Velocity Using Ultra-Fast 3D+t MRI." *60th Annual Meeting & Exhibition of AAPM 2018*, Nashville, TN, July 29-Aug 2, 2018.

Poster Presentation

102. Chan HHL, Xue C, Lo G. "Preoperative Assessment of Endometrial Carcinoma: Local Experience in a Private Hospital - a Pictorial Essay." *26th Annual Scientific Meeting of Hong Kong College of Radiologists*, Hong Kong, November 17-18, 2018.
103. Xue C, Lo G, Ai V. "Added Value of Integrated PET/MRI for Evaluation of Soft Tissue and Bone Marrow Malignancies Compared with PET/CT : a Pictorial Essay." *26th Annual Scientific Meeting of Hong Kong College of Radiologists*, Hong Kong, November 17-18, 2018.

Hong Kong Physiotherapy Association 55th Anniversary Conference, 2018

Poster Presentation

104. Cheung TW, Law KY, Lee MH, So YM. "Planning for Rehabilitation after Bariatric Surgery-A Preliminary Evaluation of Physiotherapy management for Obese Patients." *Hong Kong Physiotherapy Association 55th Anniversary Conference*, Hong Kong, October 28, 2018.
105. Tsui SSM, Law KY, Ng MC, Yan MY. "Rehabilitation Outcome of Total Knee Replacement." *Hong Kong Physiotherapy Association 55th Anniversary Conference*, Hong Kong, October 28, 2018.

The 104th Scientific Assembly and Annual Meeting of the Radiological Society of North America (RSNA), 2018

Poster Presentation

106. Xue C, Ai V, Yuan J, Wong O, Lo G. "Whole-Body MRI Screening of an Asymptomatic Cohort - A Long Term Follow-Up Study." *RSNA 2018*, McCormick Place, Chicago, November 25-30, 2018.

World Congress on Medical Physics & Biomedical Engineering, 2018

Keynote Lecture

107. Cheung KY. “Inovations in medicine- the role of medical physicists and biomedical engineers.” *World Congress on Medical Physics & Biomedical Engineering*, Prague, Czech Republic, June 3-8, 2018.

22nd Biennial Congress World Council Enterostomal Therapists, 2018

Poster Presentation

108. Chan SC, Hung CM, Wong SW, WCLN. “The Implementation of a Standardized Prevention Protocol helps to reduce BIPAP related pressure ulcers in HKSH.” *22nd WCET 2018*, Kuala Lumpur Malaysia, April 15-18 2018.

17th Asia-Pacific Congress of Clinical Microbiology and Infection cum. 8th International Infection Control Conference (APCCMI-IICC), 2018

Poster Presentation

109. Chan WC, Chong LY, Chan WL, ICC, ICT. “Hand Hygiene Promotion Programme with Compliance Audit at HKSH 2016.” *APCCMI-IICC 2018*, Hong Kong, Aug 30 – Sep 2, 2018.
110. Chong LY, Tong SP, Chan WC, Chan WL, Tang SF, Yung WH. “Evaluation of the Outcomes of Antibiotic Stewardship Program.” *APCCMI-IICC 2018*, Hong Kong, Aug 30 – Sep 2, 2018.