

# Publication List

2021

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## Journal Publications

1. Au CKF, Abrigo J, Liu C, Liu W, Lee J, Au WCL, Chan Q, Chen SR, Leung YL, Ho CL, Ko H, Mok CTV, Chen W. “Quantitative susceptibility mapping of the hippocampal fimbria in Alzheimer's disease” *Journal of Magnetic Resonance Imaging*, 2021, Vol. 53(6): 1823-1832.
2. Baig NB, Chan JJ, Ho JC, Tang GC, Tsang S, Wan KH, Yip WW, Tham CCY. “Paediatric glaucoma in Hong Kong: a multicentre retrospective analysis of epidemiology, presentation, clinical interventions, and outcomes.” *Hong Kong Medical Journal*, 2021, Vol. 27(1): 18-26.
3. Baxter JS et al. (Chan TL, Kwong A) “Functional annotation of the 2q35 breast cancer risk locus implicates a structural variant in influencing activity of a long-range enhancer element.” *American Journal of Human Genetics*, 2021, Vol. 108(7): 1190-1203.
4. Chan PP, Tang FY, Leung DY, Lam TC, Baig N, Tham CC. “Ten-Year Clinical Outcomes of Acute Primary Angle Closure Randomized to Receive Early Phacoemulsification Versus Laser Peripheral Iridotomy.” *Journal of Glaucoma*, 2021, Vol. 30(4): 332-339.
5. Chan TCY, Yu MCY, Chiu V, Lai G, Leung CKS, Chan PPM. “Comparison of two novel swept-source optical coherence tomography devices to a partial coherence interferometry-based biometer” *Scientific Reports*, 2021, Vol. 11(1): 14853
6. Chen F, Yu H, Zhang H, Nong Y, Wang Q, Jing H, Han Y, Wu J, Zhou Z, Yang L, Xu Z, Liu Y, Fu P, Jin JY, Hsue V, Chang A, Kong FS. “Risk factors for radiation induced lymphopenia in patients with breast cancer receiving adjuvant radiotherapy” *Annals of Translational Medicine*, 2021, Vol. 9(16): 1288

7. Cheung DST, Chau PH, Yeung WF, Deng W, Hong AWL, Tiwari AFY. “Assessing the effect of a mind-body exercise, qigong Baduanjin, on sleep disturbance among women experiencing intimate partner violence and possible mediating factors: a randomized-controlled trial.” *Journal of Clinical Sleep Medicine*, 2021, Vol. 17(5): 993-1003.
8. Chiang V, Leung ASY, Au EYL, Ho MHK, Lee TH, Wu AYY, Wong GWK, Li PH. “Consensus Statements on the approach to Covid 19 vaccine allergy safety in Hong Kong” *frontiers in allergy*, 2021, Vol.2: 690837.
9. Chiu RYT et al. (Chan TL, Zee JST, Yung RWH, Leung ACP, Chan WS, Lam HY, Ma ESK). “Evaluation of the INDICAID COVID-19 Rapid Antigen Test in Symptomatic Populations and Asymptomatic Community Testing” *Microbiology Spectrum*, 2021, Vol. 9(1): e00342-21
10. Chiu ST, Wu PM, Cheng KF, Fok PH, Chiu G. “Evaluation on dosimetric plan quality and treatment delivery time of dynamic jaw mode in TomoTherapy® for left-side breast cancer patients” *Journal of Radiotherapy in Practice*, 2021, doi:10.1017/S1460396921000522 [online ahead of print]
11. Chu AM, Chan JN, Tsang JT, Tiwari A, So MK. “Analyzing Cross-country Pandemic Connectedness During COVID-19 Using a Spatial-Temporal Database: Network Analysis.” *JMIR Public Health and Surveillance*, 2021, Vol. 7(3): e27317.
12. Chu AT, Tse DM, Suen DTK, Kwong A. “Baseline knowledge and receptiveness to genetic testing for hereditary breast and ovarian cancer syndromes in Chinese high-risk females.” *Journal of Community Genetics*, 2021, Vol. 12(3): 431-438.
13. Chung MMT, Ng JKF, Ng FY, Chan PK, Chiu KY. “Effects of enhanced recovery after surgery practices on postoperative recovery and length of stay after unilateral primary total hip or knee arthroplasty in a private hospital” *Hong Kong Medical Journal*, 2021, Vol. 27(6): 437-443.

14. Du R et al. (Lo CSY) “Machine learning application for the prediction of SARS-CoV-2 infection using blood tests and chest radiograph” *Scientific Reports*, 2021, Vol. 11(1): 14250
15. Gai W, Zhou Z, Agbor-Enoh S, Fan X, Lian S, Jiang P, Cheng SH, Wong J, Chan SL, Jang MK, Yang Y, Liang RH, Chan WK, Ma ES, Leung TY, Chiu RW, Valentine H, Chan KA, Lo YD. “Applications of genetic-epigenetic tissue mapping for plasma DNA in prenatal testing, transplantation and oncology.” *eLife*, 2021, Vol. 10: e64356.
16. Gill H, Yung Y, Chu HT, Au WY, Yip PK, Lee E, Yim R, Lee P, Cheuk D, Ha SY, Leung RYY, Ma ESK, Kumana CR, Kwong YL. “Characteristics and predictors of early hospital deaths in newly diagnosed APL: a 13-year population-wide study.” *Blood Advances*, 2021, Vol. 5(14): 2829-2838.
17. Hu Z, Zhao C, Zhao X, Kong L, Yang J, Wang X, Liao J, Zhou Y. “Joint reconstruction framework of compressed sensing and nonlinear parallel imaging for dynamic cardiac magnetic resonance imaging” *BMC Medical Imaging*, 2021, Vol. 21: 182.
18. Huang CY, Yang B, Lam WW, Tang KK, Li TC, Law WK, Cheung KY, Yu SK. “Effects on skin dose from unwanted air gaps under bolus in an MR-guided linear accelerator (MR-linac) system.” *Physics in Medicine & Biology*, 2021, Vol. 66(6): 065021.
19. Kwong A, Shin VY, Ho CYS, Khalid A, Au CH, Chan KKL, Ngan HYS, Chan TL, Ma ESK. “Germline PALB2 Mutation in High-Risk Chinese Breast and/or Ovarian Cancer Patients” *Cancers (Basel)*, 2021, Vol. 13(16): 4195
20. Lai ISW, Chan NCY, Ling A, Baig NB, Chan PP, Wang YM, Tham CC. “Combined Phacoemulsification-Endoscopic Cyclophotocoagulation versus Phacoemulsification Alone in Primary Angle-Closure Glaucoma: A Pilot Randomized Controlled Trial.” *Ophthalmology Glaucoma*, 2021, Vol. 4(6): 589-596.
21. Lakeman IMM et al. (Kwong A) “The predictive ability of the 313 variant-based polygenic risk score for contralateral breast cancer risk

- prediction in women of European ancestry with a heterozygous BRCA1 or BRCA2 pathogenic variant.” *Genetics in Medicine*, 2021, Vol. 23(9): 1726-1737
22. Law KKP, Lee PL, Kwan WW, Mak KC, Luk KDK. “Cross-cultural adaptation of Cantonese (Hong Kong) Oswestry Disability Index version 2.1b” *European Spine Journal*, 2021, Vol. 30(9): 2670-2679
23. Li B, Yau T, Leung R, Kwok G, Tsang J, Cheung P, Wong TT, Suen D, Kwong A, Chiu JW. “Neoadjuvant Therapy with Concurrent Docetaxel, Epirubicin, and Cyclophosphamide (TEC) in High-Risk HER2-Negative Breast Cancers” *Advances in Therapy*, 2021, Vol. 38(12): 5752-5762
24. Li J, Zheng L, Yang WJ, Sze-To CY, Leung TW, Chen XY. “Plaque Wall Distribution Pattern of the Atherosclerotic Middle Cerebral Artery Associates with the Circle of Willis Completeness.” *Frontiers in Neurology*, 2021, Vol. 11: 599459.
25. Li WY, Chau PH, Dai Y, Tiwari AF. “The Prevalence and Negative Effects of Thoracic Hyperkyphosis on Chinese Community-Dwelling Older Adults in Wuhan, Hubei Province, China.” *The journal of nutrition, health & again*, 2021, Vol. 25: 57-63
26. Liu W, Au LWC, Abrigo J, Luo Y, Wong A, Lam BYK, Fan X, Kwan PWL, Ma HW, Ng AYT, Chen S, Leung EYL, Ho CL, Wong SHM, Chu WC, Ko H, Lau AYL, Shi L, Mok VCT; Alzheimer’s Disease Neuroimaging Initiative. “MRI-based Alzheimer’s disease-resemblance atrophy index in the detection of preclinical and prodromal Alzheimer’s disease” *Aging (Albany NY)*, 2021, Vol. 13(10): 13496-13514.
27. Liu YS et al. (Chan TL, Kwong A). “Body mass index and type 2 diabetes and breast cancer survival: a Mendelian randomization study.” *American Journal of Cancer Research*, 2021, Vol. 11(8): 3921-3934.
28. Liu Z et al. (Liang R) “Characterization of the humoral immune response to the EBV proteome in extranodal NK/T-cell lymphoma” *Scientific Reports*, 2021, Vol. 11(1): 23664.

29. Poon DMC, Kam MKM, Johnson D, Mo F, Tong M, Chan ATC. "Durability of the parotid-sparing effect of intensity-modulated radiotherapy (IMRT) in early stage nasopharyngeal carcinoma: A 15-year follow-up of a randomized prospective study of IMRT versus two-dimensional radiotherapy." *Head Neck*, 2021, Vol. 43(6): 1711-1720.
30. Poon DMC, Yuan J, Wong OL, Yang B, Chiu ST, Cheung KY, Chiu G, Yu SK. "1.5T Magnetic Resonance-Guided Stereotactic Body Radiotherapy for Localized Prostate Cancer: Preliminary Clinical Results of Clinician- and Patient-Reported Outcomes" *Cancers (Basel)*, 2021, Vol. 13(19): 4866.
31. Scott S et al. (Ma E) "Assessment of droplet digital polymerase chain reaction for measuring BCR-ABL1 in chronic myeloid leukaemia in an international interlaboratory study." *British Journal of Haematology*, 2021, Vol. 194(1): 53-60.
32. So MKP, Chu AMY, Tiwari A, Chan JNL. "On topological properties of COVID-19: predicting and assessing pandemic risk with network statistics." *Scientific Reports*, 2021, Vol. 11(1): 5112.
33. So PL, Luk HM, Cheung KW, Hui W, Chung MY, Mak ASL, Lok WY, Yu KPT, Cheng SSW, Hau EWL, Ho S, Lam STS, Lo IFM. "Prenatal phenotype of Kabuki syndrome: A case series and literature review" *Prenatal Diagnosis*, 2021, Vol. 41(9): 1089-1100
34. So PL, Luk HM, Yu KPT, Cheng SSW, Hau EWL, Ho SKL, Lam STS, Lo IFM. "Clinical and molecular characterization study of Chinese Kabuki syndrome in Hong Kong." *American Journal of Medical Genetics part A*, 2021, Vol. 185(3): 675-686.
35. Sun KS, Lam TP, Piterman L, Lam KF, Tang WS, Kwok KW, Chan HY, Wu D, Tiwari A. "Management of Domestic Violence by Primary Care Physicians in Hong Kong: Association With Barriers, Attitudes, Training, and Practice Background." *Journal of Interpersonal Violence*, 2021, Vol. 36(19-20): 9623-9647.

36. Sze DTT, Lau CCY, Chan TM, Ma ESK, Tang BSF. "Comparison of novel rapid diagnostic of blood culture identification and antimicrobial susceptibility testing by Accelerate Pheno system and BioFire FilmArray Blood Culture Identification and BioFire FilmArray Blood Culture Identification 2 panels" *BMC Microbiology*, 2021, Vol. 21(1): 350
37. Teng JLL, Luo R, Tang BSF, Fong JYH, Wang L, Jia L, Wong CKS, Chan E, Leung AWS, Siu GKH, Chiu TH, Fung AMY, Wu AKL, Yeung ML, Lau SKP, Woo PCY. "High Prevalence and Mechanism Associated with Extended Spectrum Beta-Lactamase-Positive Phenotype in *Laribacter hongkongensis*." *Frontiers in Microbiology*, 2021, Vol. 12: 618894.
38. Teo ZL, Tham YC, Yu M, Chee ML, Rim TH, Cheung N, Bikbov MM, Wang YX, Tang Y, Lu Y, Wong IY, Ting DSW, Tan GSW, Jonas JB, Sabanayagam C, Wong TY, Cheng CY. "Global Prevalence of Diabetic Retinopathy and Projection of Burden through 2045: Systematic Review and Meta-analysis." *Ophthalmology*, 2021, Vol. 128(11): 1580-1591.
39. Tiwari A, So MKP, Chong ACY, Chan JNL, Chu AMY. "Pandemic Risk of COVID-19 Outbreak in the United States: An Analysis of Network Connectedness with Air Travel Data." *International Journal of Infectious Diseases*, 2021, Vol. 103: 97-101.
40. Tsoi MF, Lo CWH, Cheung TT, Cheung BMY. "Blood lead level and risk of hypertension in the United States National Health and Nutrition Examination Survey 1999-2016." *Scientific Reports*, 2021, Vol. 11(1): 3010.
41. Wong JS, Dong Y, Tang V, Leung T, Yeung CSY, Tai A, Law A, Shum T, Kwok GG, Li BC, Leung R, Chiu J, Ma KW, She WH, Tsang J, Cheung TT, Yau T. "The Use of Cabozantinib in Advanced Hepatocellular Carcinoma in Hong Kong-A Territory-Wide Cohort Study." *Cancers (Basel)*, 2021, Vol. 13(9): 2002.
42. Wong OL, Yuan J, Zhou Y, Yu SK, Cheung KY. "Longitudinal Acquisition Repeatability of MRI Radiomics Features: An ACR MRI Phantom Study on

- Two MRI Scanners using a 3D T1W TSE sequence.” *Medical Physics*, 2021, Vol. 48(3): 1239-1249.
43. Wu T, Wong SKH, Law BTT, Grieve E, Wu O, Tong DKH, Leung DKW, Ng EKW, Lam CLK, Wong CKH. “Bariatric surgery is expensive but improves co-morbidity: 5-year assessment of patients with obesity and type 2 diabetes.” *British Journal of Surgery*, 2021, Vol. 108(5): 554-565.
44. Xu Z, Yang L, Ma L, Liu Q, Chang AT, Zhou Y, Zhou C, Kong FM, Chen L. “Effect of bladder volume on radiation doses to organs at risk and tumor in cervical cancer during image-guided adaptive brachytherapy and treatment outcome analysis” *Molecular and Clinical Oncology*, 2021, Vol. 15(6): 258.
45. Xue C, Yuan J, Poon DM, Zhou Y, Yang B, Yu SK, Cheung YK. “Reliability of MRI radiomics features in MR-guided radiotherapy for prostate cancer: Repeatability, reproducibility, and within-subject agreement” *Medical Physics*, 2021, Vol. 48(11): 6976-6986
46. Xue C, Zhou Y, Lo GG, Wong OL, Yu SK, Cheung KY, Yuan J. “Reliability of radiomics features due to image reconstruction using a standardized T 2 -weighted pulse sequence for MR-guided radiotherapy: An anthropomorphic phantom study.” *Magnetic Resonance in Medicine*, 2021, Vol. 85(6): 3434-3446.
47. Yang B, Tang KK, Geng H, Lam WW, Wong YS, Huang CY, Chiu TL, Kong CW, Cheung CW, Cheung KY, Yu SK. “Comparison of modeling accuracy between Radixact ® and CyberKnife ® Synchrony ® respiratory tracking system” *Biomedical Physics & Engineering Express*, 2021, Vol. 7(6): 067001
48. Yang B, Tang KK, Huang CY, Geng H, Lam WW, Wong YS, Tse MY, Lau KK, Cheung KY, Yu SK. “Out-of-field dose and its constituent components for a 1.5 T MR-Linac” *Physics in Medicine & Biology*, 2021, Vol. 66(22): 225012.
49. Yang B, Wong YS, Lam WW, Geng H, Huang CY, Tang KK, Law WK, Ho CC, Nam PH, Cheung KY, Yu SK. “Initial clinical experience of patient-specific QA of treatment delivery in online adaptive radiotherapy

using a 1.5 T MR-Linac.” *Biomedical Physics & Engineering Express*, 2021, Vol. 7(3):035022.

50. Ye LH, Cai Y, Shi X, Wong IYH, Qu JF, Zhao MW, Ying X, Li XX. “One-year results of intravitreal conbercept in treatment-naïve subjects with polypoidal choroidal vasculopathy.” *Graefe's Archive for Clinical and Experimental Ophthalmology*, 2021, Vol. 259(6): 1455-1462.
51. Yip KC, Li YL, Chen S, Ho CL, Wartolowska K. “68Ga-PSMA PET/CT and mpMRI for primary lymph node staging of intermediate to high-risk prostate cancer: a systematic review and meta-analysis of diagnostic test accuracy” *Clinical and Translational Imaging*, 2021, Vol. 9(5): 523-537
52. Yuan J, Xue C, Lo G, Wong OL, Zhou Y, Yu SK, Cheung KY. “Quantitative assessment of acquisition imaging parameters on MRI radiomics features: a prospective anthropomorphic phantom study using a 3D-T2W-TSE sequence for MR-guided-radiotherapy.” *Quantitative Imaging in Medicine and Surgery*, 2021, Vol. 11(5): 1870-1887.
53. Zaghi S, Shamtoob S, Peterson C, Christianson L, Valcu-Pinkerton S, Peeran Z, Fung B, Ng DKK, Jagomagi T, Archambault N, O'Connor B, Winslow K, Lano M, Murdock J, Morrissey L, Yoon A. “Assessment of posterior tongue mobility using lingual-palatal suction: progress toward a functional definition of ankyloglossia.” *Journal of Oral Rehabilitation*, 2021, Vol. 48(6): 692-700.
54. Zhang J, Yang M, So TH, Chang TY, Qin Z, Chen H, Lam WL, Yeung WF, Chung KF, Jiang F, Lao L, Zhang ZJ. “Electroacupuncture Plus Auricular Acupressure on Chemotherapy-Related Insomnia in Patients With Breast Cancer (EACRI): Study Protocol for a Randomized, Sham-Controlled Trial” *Integrative Cancer Therapies*, 2021, Vol. 20: 15347354211058695.
55. Zhou W, Lee JCY, Leung ST, Lai A, Lee TF, Chiang JB, Cheng YW, Chan HL, Yiu KH, Goh VK, Pennell DJ, Ng MY. “Long-Term Prognosis of Patients With Coronary Microvascular Disease Using Stress Perfusion Cardiac Magnetic Resonance.” *JACC Cardiovascular Imaging*, 2021, Vol. 14(3): 602-611.



## Case Report

56. Chau EMC, Wong RKP. "Bilateral external iliac vein compression - an important consideration in implantation of leadless permanent pacemaker." *Pacing and Clinical Electrophysiology*, 2021, Vol. 44(9): 1636-1640.
57. He J, Yang C, Suen HC, He J, Li S. "A novel lung autotransplantation technique for treating central lung cancer: a case report." *Translational Lung Cancer Research*, 2021, Vol. 10(5): 2290-2297.
58. Hung J, Wong I. "Quantitative polymerase chain reaction test for molecular diagnosis of intraocular relapse of acute lymphoblastic leukemia: a case report" *Hong Kong Journal of Ophthalmology*, 2021, Vol. 25(1), Available from: <https://hkjo.hk/index.php/hkjo/article/view/291>
59. Jhunjhnuwala D, Yuen MTY. "Recovery following a delayed diagnosis of subacute combined degeneration." *PM&R*, 2021, Vol. 13(5): 540-542.
60. Kwong A, Au CH, Shin VY, Ho DN, Wong EYL, Ho CYS, Chung Y, Chan TL, Ma ESK. "Rapid Breakpoint Mapping of a Novel Germline PALB2 Duplication by PCR-Free Long-Read Sequencing for Interpretation of Its Pathogenicity" *JCO Precision Oncology*, 2021, Vol. 5: 1044-1047
61. Kwong A, Ho CYS, Shin VY, Au CH, Chan TL, Ma ESK. "A Case Report of Germline Compound Heterozygous Mutations in the BRCA1 Gene of an Ovarian and Breast Cancer Patient." *International Journal of Molecular Sciences*, 2021, Vol 22(2): 889.
62. Ngai C, Kumar S, Ho CL, Chen S, Chim CS. "Case series: MRD negativity assessment using 11C-Acetate PET with 3-weekly daratumumab-based quadruplet induction in newly diagnosed multiple myeloma" *Therapeutic Advances in Hematology*, 2021, Vol. 12, 20406207211030369.

## Review Article

63. Chen H, Li J, Cheng L, Gao Z, Lin X, Zhu R, Yang L, Tao A, Hong H, Tang W, Guo Y, Huang H, Sun J, Lai H, Lei C, Liu G, Xiang L, Chen Z, Ma H, Chan AWM, Hao C, Sun B. "China Consensus Document on Allergy Diagnostics." *Allergy, Asthma & Immunology Research*, 2021, Vol. 13(2): 177-205.
64. Chopra A, Lin HY, Navarra SV, Saeed MA, Sockalingam S, Thongpooswan S, Jois R, Salim B, Gavin Lee KW, Lau TC, Wee J. "Rheumatoid arthritis management in the APLAR region: Perspectives from an expert panel of rheumatologists, patients and community oriented program for control of

- rheumatic diseases” *International Journal of Rheumatic Diseases*, 2021, Vol. 24(9): 1106-1111
65. Kwok AKH, Wong HL. “Emerging treatments for dry age-related macular degeneration with geographic atrophy: a systematic review” *Hong Kong Journal of Ophthalmology*, 2021, Vol. 25(2), Available from: <https://hkjo.hk/index.php/hkjo/article/view/315>
66. Mui AWL, Lee AWM, Lee VHF, Ng WT, Vardhanabhuti V, Man SSY, Chua DTT, Law SCK, Guan XY. “Prognostic and therapeutic evaluation of nasopharyngeal carcinoma by dynamic contrast-enhanced (DCE), diffusion-weighted (DW) magnetic resonance imaging (MRI) and magnetic resonance spectroscopy (MRS)” *Magnetic Resonance Imaging*, 2021, Vol. 83: 50-56
67. Petralia G, Koh DM, Attariwala R, Busch JJ, Eeles R, Karow D, Lo GG, Messiou C, Sala E, Vargas HA, Zugni F, Padhani AR. “Oncologically Relevant Findings Reporting and Data System (ONCO-RADS): Guidelines for the Acquisition, Interpretation, and Reporting of Whole-Body MRI for Cancer Screening.” *Radiology*, 2021, Vol. 299(3): 494-507.
68. Xue C, Yuan J, Lo GG, Chang ATY, Poon DMC, Wong OL, Zhou Y, Chu WCW. “Radiomics feature reliability assessed by intraclass correlation coefficient: a systematic review” *Quantitative Imaging in Medicine and Surgery*, 2021, Vol. 11(10): 4431-4460.

### **Author’s Reply**

69. Wu T, Wong SKH, Law BTT, Grieve E, Wu O, Tong DKH, Leung DKW, Ng EKW, Lam CLK, Wong CKH. “Author response to: Bariatric surgery is expensive but improves co-morbidity: 5-year assessment of patients with obesity and type 2 diabetes.” *British Journal of Surgery*, 2021, Vol. 108(8): e281

### **Correspondence**

70. Lai ISW, Chan NCY, Ling A, Baig NB, Chan PP, Wang YM, Tham CCY. “Reply to "Re: Lai et al.: Combined phacoemulsification-endoscopic

cyclophotocoagulation versus phacoemulsification alone in primary angle-closure glaucoma: a pilot randomized controlled trial (Ophthalmol Glaucoma. 2021;4:589-596)"" *Ophthalmology Glaucoma*, 2021, Vol. 4(6): e10-e11

### **Commentary**

71. Lam STS, To CH, Leung KW, Yip SP, Lo IFM, Tsang KP. "Lessons learnt from a genetic disease registry in Hong Kong." *Hong Kong Medical Journal*, 2021, Vol. 27(3): 226-228

### **Letter to Editor**

72. Chu AMY, Tiwari A, Chan JNL, So MKP. Chu AMY, Tiwari A, Chan JNL, So MKP. "Are travel restrictions helpful to control the global COVID-19 outbreak?" *Travel Medicine and Infectious Disease*, 2021, Vol. 41: 102021.

73. Leung KKY, Hon KL, Wang MHT, Ng DKK, Ip P. "Paediatric multisystem inflammatory syndrome and COVID-19: another novel syndrome?" *Hong Kong Medical Journal*, 2021, Vol. 27(2): 161-162.

74. Wong IY, Ho WL, Iu LP, Lau KHP, Ho PL, Kwong YL. "EBV+ posttransplant lymphoproliferative disease of the retina presenting as cytomegalovirus retinitis." *Annals of Hematology*, 2021, Vol. 100(12): 3061-3063

75. Zee JST, Lai KTW, Ho MKS, Leung ACP, Chan QWL, Ma ESK, Lee KH, Lau CC, Yung RWH. "Serological response to mRNA and inactivated COVID-19 vaccine in healthcare workers in Hong Kong: preliminary results." *Hong Kong Medical Journal*, 2021, Vol. 27(4): 312-313

76. Zee JST, Lai KTW, Ho MKS, Leung ACP, Fung LH, Luk WP, Kwok LF, Kee KM, Chan QWL, Tang SF, Ma ESK, Lee KH, Lau CC, Yung RWH. "Serological response to mRNA and inactivated COVID-19 vaccine in healthcare workers in Hong Kong: decline in antibodies 12 weeks after two doses" *Hong Kong Medical Journal*, 2021, Vol. 27(5): 380-383

### **Supplement Article**

77. Poon DM, Chan CK, Chan K, Chu WH, Kwong PW, Lam W, Law KS, Lee EK, Liu PL, Sze HC, Wong JH, Chan ES. "Consensus statements on the management of metastatic renal cell carcinoma from the Hong Kong Urological Association and the Hong Kong Society of Uro-Oncology 2019." *Asia-Pacific Journal of Clinical Oncology*, 2021, Vol.17(Suppl 3):27-38.
78. Poon DM, Chan CK, Chan TW, Cheung FY, Ho LY, Kwong PW, Lee EK, Leung AK, Leung SY, So HS, Tam PC, Ma WK. "Hong Kong Urological Association-Hong Kong Society of Uro-Oncology consensus statements on the management of advanced prostate cancer-2019 Updates." *Asia-Pacific Journal of Clinical Oncology*, 2021, Vol.17(Suppl 3):12-26.
79. Poon DM, Chan CK, Chan TW, Cheung FY, Ho LY, Kwong PW, Lee EK, Leung AK, Leung SY, So HS, Tam PC, Ma WK. "Prostate cancer management in the era of COVID-19: Recommendations from the Hong Kong Urological Association and Hong Kong Society of Uro-oncology." *Asia-Pacific Journal of Clinical Oncology*, 2021, Vol.17(Suppl 3):48-54.
80. Poon DMC, Chan K, Chan TW, Ng B, Siu S, Ng J, Johnson D, Lee KC; Hong Kong Society of Uro-Oncology (HKSUO). "Prevention of docetaxel-associated febrile neutropenia with primary granulocyte colony-stimulating factor in Chinese metastatic hormone-sensitive and castration-resistant prostate cancer patients." *Asia-Pacific Journal of Clinical Oncology*, 2021, Vol.17(Suppl 3):39-47.

### **Educational & Teaching Material**

81. Li PH, Chua GT, Leung ASY, Chan YC, Chan KKL, Cheung KH, Chong PCY, Ho PPK, Kwan MYW, Lai JCH, Lam KK, Lam TSK, Leung TF, Li TY, Duque JSR, So JLT, Wan KA, Wong HCY, Wu AYY, Lee TH, Ho MHK, Siu AYC. "Hong Kong Anaphylaxis Consortium Consensus Statements on prescription of adrenaline autoinjectors in the acute care setting." *Asia Pacific Allergy*, 2021, Vol. 11(1): e1.

### **Editorial**

82. Zhou Y, Wang H. “Editorial for "Glutamate Chemical Exchange Saturation Transfer Imaging and Functional Alterations of Hippocampus in Rat Depression Model: A Pilot Study"” *Journal of Magnetic Resonance Imaging*, 2021, Vol. 54(6): 1977-1978

### **Positional Paper**

83. Kwok AKH, Lam WC, Fong AHC, Fung NSK, Ho M, Iu LPL, Ko CKL, Mohamed S, Ng DSC, Tang HHY, Wong IYH, Wong RLM, Lai TYY, Tsoi CT. “Recommendations of the treat-and-extend regimen for neovascular age-related macular degeneration: 2020 updates” *Hong Kong Journal of Ophthalmology*, 2021, Vol. 25(2), Available from: <https://hkjo.hk/index.php/hkjo/article/view/306>

### **Oral & Poster Presentations**

#### International Society for Magnetic Resonance in Medicine (ISMRM) & Society for MR Radiographers & Technologists (SMRT) Annual Meeting & Exhibition, 2021

##### Poster Presentation

84. Liu MCW, LO GG, Xue C, Lee R, Chung WK, Chan CKM, Kong FKS, Chan PPL, Li WW, Yuen CT, Tang J. “Inter-observer and intra-observer agreement on the MRI-based left-ventricular contractility using compress-sensing accelerated cardiac MRI” *ISMRM & SMRT Annual Meeting & Exhibition 2021*, Online, 15-20 May, 2021.
85. Wong OL, Yuan J, Poon DMC, Zhou YH, Yu SK, Cheung KY. “Subject-specific positional probability volume mapping for internal target volume determination in Radiotherapy.” *ISMRM & SMRT Annual Meeting & Exhibition 2021*, Online, 15-20 May, 2021.

#### 59<sup>th</sup> Annual Conference of the Particle Therapy Co-Operative Group (PTCOG), 2021

##### Poster Presentation

86. Chiu TL, Cheung CW, Ding Y, Lam WY, Chan CWK, Lam WW, Kong CW, Yang B, Geng H, Yu SK. "Analyzing dynamics of poles for Nonlinear Schrodinger Equation of charged-particle beams in accelerators." *59<sup>th</sup> Annual Conference of PTCOG*, Online, 4-7 June, 2021.

Oral Presentation

87. Lam WW, Lee HFV, Cheung KY, Yu SK. "A Comprehensive Dosimetric Evaluation for Intensity Modulated Proton Therapy (IMPT) and Volumetric-Modulated Arc Therapy (VMAT) on Advanced-Stage Nasopharyngeal Carcinoma (NPC)." *59<sup>th</sup> Annual Conference of PTCOG*, Online, 4-7 June, 2021.

16th Elekta MR-Linac Consortium Meeting

Poster Presentation

88. Yang B, Geng H, Lam WW, Cheung KY, Yu SK. "Validation of effective point of measurement for commonly used ionization chambers in a 1.5 T MR-Linac using a MR-compatible 3D scanning watertank." *16th Elekta MR-Linac Consortium Meeting*

Hong Kong Society of Haematology Annual Scientific Meeting, 2021

Poster Presentation

89. Lau MYH, Lau YS, Chan HC, Choi WL, Ma ESK. "Establishment of newborn reference range for complete blood counts in Hong Kong." *Hong Kong Society of Haematology Annual Scientific Meeting*, Online, 10 April 2021

31<sup>st</sup> European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), 2021

Poster Presentation

90. Lam HY, Ip BBK, Ng MK, To RMY, So RYW, Chan TL, Leung A, Zee JST, Ma ESK. "Performance evaluation of Simplexa COVID-19 Direct for

detection of SARS-CoV-2 on deep throat saliva and other upper respiratory tract specimens” *31<sup>st</sup> ECCMID*, 2021, Online, 9-12 July 2021.

91. Lam HY, Ng MK, Tang BSF “Evaluation of GenomEra Norovirus for detection and differentiation of norovirus genogroup I and II in fecal specimens.” *31<sup>st</sup> ECCMID*, 2021, Online, 9-12 July 2021.

92. Zee JST, Au CH, Chan WS, Lam HY, Chan TL, Hung RLM, Yu BPW, Chan JWC, Chan QWL, Ma ESK, Yung RYH. “The application of next-generation sequencing in the epidemiological investigation of nosocomial clusters of COVID-19: experience in a private hospital in Hong Kong.” *31<sup>st</sup> ECCMID*, 2021, Online, 9-12 July 2021.

#### 63<sup>rd</sup> American Society of Hematology (ASH) Annual Meeting & Exposition, 2021

##### Oral Presentation

93. Au Yeung KHR et al. (Choi W) “ALK-Negative Anaplastic Large Cell Lymphomas Encompass Distinct Subgroups Including an ALK-Positive-like Subgroup with Favorable Prognosis” *63<sup>rd</sup> ASH Annual Meeting & Exposition*, 2021, Atlanta, GA, USA, December 11-14, 2021; also available on *Blood*, 2021, Vol. 138(Suppl 1): 2403

#### European Society for Radiotherapy and Oncology (ESTRO) congress, 2021

##### Poster Presentation

94. Cheng KF, Lam OTH “Dosimetric comparison of Cranium SRS among VMAT, Tomotherapy and three Cyberknife techniques” *ESTRO 2021*, Madrid, Spain, August 27-31, 2021

95. Fung WW, Man SY, Leung WC, Cheng KF, Wong OL, Yuan J, Chiu G, Cheung KY, Yu SK. “Feasibility of MR-guided tomotherapy on cranial and head-and-neck cases” *ESTRO 2021*, Madrid, Spain, August 27-31, 2021

96. Mui ML, Lee AWM, Lee VHF, Ng WT, Vardhanabhuti V, Man SY, Chua DTT, Guan XY. “Correlations of tumour permeability parameters from DCE-MRI with ADC in nasopharyngeal carcinoma” *ESTRO 2021*, Madrid, Spain, August 27-31, 2021

97. Yip PL, Chan P, Cheung K, Chow C, Lai W, Lee H, Lam K, Chiang C, Wong C, Poon M, Tong M, AU K, Ng W, Ngan K, Lee A, Yung Y. “External validation of a nomogram for chemoradiation in stage 2 nasopharyngeal carcinoma with IMRT” *ESTRO 2021*, Madrid, Spain, August 27-31, 2021