

Publication List

2022

Journal Publications

1. Cao Y, Ha SY, So CC, Tong MT, Tang CS, Zhang H, Liang R, Yang J, Chung BH, Chan GC, Lau YL, Garcia-Barcelo MM, Ma ES, Sucharitchan P, Hirankarn N, Yang W. “NGS4THAL, a One-Stop Molecular Diagnosis and Carrier Screening Tool for Thalassemia and Other Hemoglobinopathies by Next-Generation Sequencing” *The Journal of Molecular Diagnostics*, 2022, Vol. 24(10): 1089-1099
2. Chan AWM. “Key Advances in Allergy” *Hong Kong Medical Diary*, 2022, Vol. 27(1): 12-17
3. Chan JKC. “Human Milk Oligosaccharides in Infant Formulas” *Hong Kong Medical Diary*, 2022, Vol. 27(1): 29-32
4. Chan KL, Leung WC, Tiwari A, Or KL, Ip P. “Effectiveness of the iParent app for postnatal depression: a randomised controlled trial (abridged secondary publication)” *Hong Kong Medical Journal*, 2022, Vol. 28(Suppl 1): S17-18.
5. Chan P, Tang THC, Kwong RTS, Chan L, Chan HSY, Lam KW, Ting WM, Yung SK, Lam ECT, Chu MY, Lam W, Wu TC, Li P, Lee MP. “Effects of syphilis infection among HIV-1-positive individuals on suppressive antiretroviral therapy” *AIDS Research and Therapy*, 2022, Vol. 19: 69
6. Chan Q, Abrigo J, Liu W, Han Y, Yeun KW, Shi L, Au WC, Deng M, Chen S, Leung YL, Ho CL, Mok CT, Chu CW. “Lower Posterior Cingulate N-Acetylaspartate to Creatine Level in Early Detection of Biologically Defined Alzheimer’s Disease” *Brian Sciences*, 2022, Vol. 12(6): 722.
7. Chan NPT, Lai AYK, Choy HK, Cheung DYT, Wan ANT, Cheng VYH, Chan KY, Lau YK, Yung CY, Cheung GOC, Lam TH. “Feasibility and Potential

Effectiveness of a Smartphone Zero-Time Exercise Intervention for Promoting Physical Activity and Fitness in Patients With Coronary Heart Disease: A Pilot Randomized Controlled Trial” *frontiers in Public Health*, 2022, Vol. 10: 865712

8. Chan TCY, Tsui RWY, Chow VWS, Lam JKM, Wong VWY, Wan KH. “Accelerated corneal collagen cross-linking in progressive keratoconus: Five-year results and predictors of visual and topographic outcomes” *Indian Journal of Ophthalmology*, 2022, Vol. 70(8): 2930-2935
9. Chan WKC, Fok TC, Chiu TL, Yu SK. “Performance evaluation of online motion synchronizing systems for patient-specific respiratory movements with helical tomotherapy” *Biomedical Physics & Engineering Express*, 2022, Vol. 8(6): 067001
10. Chan WS, Lam YM, Law JHY, Chan TL, Ma ESK, Tang BSF. “Geographical prevalence of SARS-CoV-2 variants, August 2020 to July 2021” *Scientific Reports*, 2022, Vol. 12(1): 4704.
11. Chang JSM, Liu SCT, Ma NTC, Katsev B, Ng JCM. “Effect of Time Since Primary Laser-Assisted In Situ Keratomileusis on Flap Relift Success and Epithelial Ingrowth Risk” *Journal of Cataract & Refractive Surgery*, 2022, Vol. 48(6): 705-709.
12. Chen F, Hui TSK, Ma L, Nong Y, Han Y, Jing H, Lee EKW, Xu Z, Fu P, Chang ATY, Hsue V, Kong FS. “Real-World Practice of Hypofractionated Radiotherapy in Patients With Invasive Breast Cancer” *frontiers in Oncology*, 2022, Vol. 12: 811794.
13. Cheuk IW, Chen J, Siu M, Ho JC, Lam SS, Shin VY, Kwong A. “Resveratrol enhanced chemosensitivity by reversing macrophage polarization in breast cancer” *Clinical and Translational Oncology*, 2022, Vol. 24(5): 854-863.
14. Chiang V, Mok SWS, Chan JKC, Leung WY, Ho CTK, Au EYL, Lau CS, Lee TH, Li PH. “Experience of the first 1127 COVID-19 Vaccine Allergy Safety patients in Hong Kong – clinical outcomes, barriers to vaccination and

- urgency for reform.” *World Allergy Organization Journal*, 2022, Vol. 15(1): 100622.
15. Chien CPY, Lo CSY, Lam TPW. “Imaging of Idiopathic Granulomatous Mastitis: a Retrospective Study” *Hong Kong Journal of Radiology*, 2022, Vol. 25(1): 64-70
 16. Chiu PKF, Lee EKC, Chan MTY, Chan WHC, Cheung MH, Lam MHC, Ma ESK, Poon DMC. “Genetic Testing and Its Clinical Application in Prostate Cancer Management: Consensus Statements from the Hong Kong Urological Association and Hong Kong Society of Uro-Oncology” *frontiers in Oncology*, 2022, Vol. 12: 962958
 17. Chow JCH, Lui JCF, Cheung KM, Tam AHP, Lam MHC, Yuen TYS, Lee FKH, Leung AKC, Au KH, Ng WT, Lee AWM, Kwan CK, Yiu HHY. “Post-radiation primary hypothyroidism in patients with head and neck cancer: External validation of thyroid gland dose-volume constraints with long-term endocrine outcomes” *Radiotherapy & Oncology*, 2022, Vol. 177: 105-110
 18. Chu AMY, Tsang JTY, Tiwari A, Yuk H, So MKP. “Measuring family resilience of Chinese family caregivers: Psychometric evaluation of the Family Resilience Assessment Scale” *Family Relations*, 2022, Vol. 71(1): 130-146.
 19. Dareng EO et al. (Kwong A) “Polygenic risk modeling for prediction of epithelial ovarian cancer risk” *European Journal of Human Genetics*, 2022, Vol. 30: 349-362.
 20. Fan YYK, Wong KL, Ho KLC, Chan TLD, Lee OJ, Yung CY, Lun KS, Chau MCE, Chiu SWC, Cheng LC, Au WKT. “Trends in contemporary advanced heart failure management: an in-depth review over 30 years of heart transplant service in Hong Kong” *Korean Journal of Transplantation*, 2022, Vol. 36(4): 267-277.
 21. Gillessen S et al. (Poon DMC) “Management of Patients with Advanced Prostate Cancer: Report from the Advanced Prostate Cancer Consensus Conference 2021” *European Urology*, 2022, Vol. 82(1): 115-141.

22. Grootes I et al. (Kwong A) “Incorporating progesterone receptor expression into the PREDICT breast prognostic model” *European Journal of Cancer*, 2022, Vol. 173: 178-193
23. Hakkaart C et al. (Kwong A) “Copy number variants as modifiers of breast cancer risk for BRCA1/BRCA2 pathogenic variant carriers” *communications biology*, 2022, Vol. 5(1): 1061
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25. Ho KK, Hau KC, Chan AWM, Chan DY, Ho MHK, Loo SKF, Cheung ATY, Pellacani G, Hebert AA, Braganza L. “Overcoming challenges in management of atopic dermatitis: Role of oxidative stress in the pathogenesis and treatment target of atopic dermatitis (ROAD)” *CosmoDerma*, 2022, Vol. 2: 47
26. Ho PJ et al. (Chan TL, Kwong A) “Relevance of the MHC region for breast cancer” *Breast Cancer*, 2022, Vol. 29(5): 869-879
27. Ho WK et al. (Kwong A, Chan TL) “Polygenic risk scores for prediction of breast cancer risk in Asian populations” *Genetics in Medicine*, 2022, Vol. 24(3): 586-600.
28. Hui RW, Chan AC, Lo G, Lo R, Chan C, Kotewall CN, Mak LY, She WH, Au KP, Ai V, Fung J, Yuen MF, Seto WK. “Magnetic resonance elastography and proton density fat fraction predict adverse outcomes in hepatocellular carcinoma” *Hepatology International*, 2022, Vol. 16: 371-380
29. Hung HM, Chan OCM, Mak CH, Hung WM, Ng WT, Lee MCH. “Dosimetric comparison of intensity modulated radiotherapy and intensity modulated proton therapy in the treatment of recurrent nasopharyngeal carcinoma” *Medical Dosimetry*, 2022, Vol. 47(1): 14-19.
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new insights into breast cancer genetics” *The American Journal of Human Genetics*, 2022, Vol. 109(12): 2185-2195

31. Ku KM, Lam B, Wu VWC, Chan KT, Chan CY, Cheng HC, Yuen KMY, Cai J. “Clinical Evaluation of Fiducial Marker Pre-Planning for Virtual Bronchoscopic Navigation Implantation in Lung Tumour Patients Treated With CyberKnife” *frontiers in Oncology*, 2022, Vol. 12: 860641.
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35. Lai KKH et al. (Cheng ACO) “Radiological Determinants of Complicated Immunoglobulin G4-Related Ophthalmic Disease: A Territory-Wide Cohort Study” *Asia-Pacific Journal of Ophthalmology*, 2022, Vol. 11(5): 417-424
36. Lai KT, Lai Wan Loong EY, Fung TL, Luk LW, Lau CC, Zee JS, Ma ES, Tang BS. “Safety and Immunogenicity of a Booster Vaccination by CoronaVac or BNT162b2 in Previously Two-Dose Inactivated Virus Vaccinated Individuals with Negative Neutralizing Antibody” *Vaccines (Basel)*, 2022, Vol. 10(4): 556.
37. Lam SK, Zhang Y, Zhang J, Li B, Sun JC, Liu CY, Chou PH, Teng X, Ma ZR, Ni RY, Zhou T, Peng T, Xiao HN, Li T, Ren G, Cheung AL, Lee FK, Yip CW, Au KH, Lee VH, Chang AT, Chan LW, Cai J. “Multi-Organ Omics-Based Prediction for Adaptive Radiation Therapy Eligibility in Nasopharyngeal

Carcinoma Patients Undergoing Concurrent Chemoradiotherapy” *frontiers in Oncology*, 2022, Vol. 11: 792024.

38. Lam SK, Zhang J, Zhang YP, Li B, Ni RY, Zhou T, Peng T, Cheung AL, Chau TC, Lee FK, Yip CW, Au KH, Lee VH, Chang AT, Chan LW, Cai J. “A Multi-Center Study of CT-Based Neck Nodal Radiomics for Predicting an Adaptive Radiotherapy Trigger of Ill-Fitted Thermoplastic Masks in Patients with Nasopharyngeal Carcinoma” *Life (Basel)*, 2022, Vol. 12(2): 241.
39. Lau YC, Chen S, Ho CL, Cai J. “Reliability of gradient-based segmentation for measuring metabolic parameters influenced by uptake time on 18F-PSMA-1007 PET/CT for prostate cancer” *frontiers in Oncology*, 2022, Vol. 12: 897700
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41. Leung ASY, Lee TH, Chan AWM, Ho MHK, Duque JSR, Leung T, Wong GWK. “Artificial Intelligence in Allergy Care” *Hong Kong Medical Diary*, 2022, Vol. 27(1): 4-8
42. Li H et al. (Kwong A) “Risks of breast and ovarian cancer for women harboring pathogenic missense variants in BRCA1 and BRCA2 compared with those harboring protein truncating variants” *Genetics in Medicine*, 2022, Vol. 24(1): 119-129.
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54. Mui AWL, Lee AWM, Ng WT, Lee VHF, Vardhanabhuti V, Man SSY, Chua DTT, Guan XY. “Correlations of tumour permeability parameters with apparent diffusion coefficient in nasopharyngeal carcinoma” *Physics and Imaging in Radiation Oncology*, 2022, Vol. 24: 30-35
55. Poon DMC, Lam D, Wong KCW, Chu CM, Cheung M, Mo F, Suen J, Ng CF, Chan ATC. “Prospective Randomized Phase II Study of Stereotactic Body Radiotherapy (SBRT) vs. Conventional Fractionated Radiotherapy (CFRT) for Chinese Patients with Early-Stage Localized Prostate Cancer” *Current Oncology*, 2022, Vol. 29(1): 27-37
56. Poon DMC, Yuan J, Yang B, Wong OL, Chiu ST, Chiu G, Cheung KY, Yu SK, Yung RWH. “A Prospective Study of Stereotactic Body Radiotherapy (SBRT) with Concomitant Whole-Pelvic Radiotherapy (WPRT) for High-Risk Localized Prostate Cancer Patients Using 1.5 Tesla Magnetic Resonance Guidance: The Preliminary Clinical Outcome” *Cancers (Basel)*, 2022, Vol. 14(14): 3484
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Prostate Cancer Consensus Conference 2021” *European Urology*, 2022, Vol. 82(1): 6-11.

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- Carcinoma After First-Line Therapy: Expert Recommendations from Hong Kong, Singapore and Taiwan” *Liver Cancer*, 2022, Vol. 11(5): 426-439
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Book Chapter

86. Ho CL, Chen S. “3. Positron nuclear medicine imaging. 00329. PET imaging in hepatic cancer” *Nuclear Medicine and Molecular Imaging*, 1st Edition, Editor-in-Chief: Alberto Signore, 2022, ELSEVIER.
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Technical Note

88. Kong CW, Chiu TL, Cheung CW, Lee TY, Yeung FK, Yu SK. “The impact of the ClearRT™ upgrade on target motion tracking accuracy in Radixact® Synchrony® lung treatments” *Reports of Practical Oncology and Radiotherapy*, 2022, Vol. 27(6): 1106-1113.

Popular Science – Short Summary

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Case Report

90. Chan WS, Law JHY, Ho MKS, Chan TL, Ma ESK, Tang BSF. “Genomic characteristics and viral load dynamics of a SARS-CoV-2 Omicron BA.2.2 variant from a hospitalized patient treated with molnupiravir” *Infection, Genetics and Evolution*, 2022, Vol. 105: 105376.
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Review Article

96. Chiang V, Leung ASY, Au EYL, Ho MHK, Lee TH, Wu AYY, Wong GWK, Li PH. "Updated consensus statements on COVID-19 Vaccine Allergy Safety in Hong Kong" *Asia Pacific Allergy*, 2022, Vol. 12(1): e8
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Oral Presentation

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Poster presentation

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