



FACULTY STAFF

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Areas of Research Expertise	Social impact of oral health and oral health quality of life Impact of society on oral health and oral health inequalities Research in dental education

CATEGORY

Publications



ADVANCED SORTING

### PUBLICATIONS

#### Article

1. Chau RCW, Hsung TC, McGrath C, Pow EHN, Lam YHW. Accuracy of artificial intelligence-designed single-molar dental prostheses: A feasibility study, *The Journal of Prosthetic Dentistry* 2023; [doi:10.1016/j.prosdent.2022.12.004](https://doi.org/10.1016/j.prosdent.2022.12.004)
2. Chau RCW, Li GH, Tew IM, Thu KM, McGrath C, Lo WL, Ling WK, Hsung RTC, Lam WYH. Accuracy of Artificial Intelligence-Based Photographic Detection of Gingivitis, *International Dental Journal* 2023; [doi:10.1016/j.identj.2023.03.007](https://doi.org/10.1016/j.identj.2023.03.007)
3. Shan ZY, Ren C, Gu M, Lin YF, Sum FHKMH, McGrath C, Jin LJ, Zhang CF, Yang YQ. Effects of Low-Level Laser Therapy on Dentin Hypersensitivity in Periodontally Compromised Patients Undergoing Orthodontic Treatment: A Randomised



4. Li Jing-Wen, Li Kar Yan, Chan Bik Wan Amy, McGrath Colman Patrick, Zheng Li-Wu. Rate of Malignant Transformation Differs Based on Diagnostic Criteria for Oral Lichenoid Conditions: A Systematic Review and Meta-Analysis of 24,277 Patients, *Cancers* 2023; 15(9) doi:10.3390/cancers15092537
5. Chen HM, Li KY, Li TL, Kwong E, Wong GHY, McGrath C, Chen H. The association between tooth loss and cognitive decline in the aged population: The mediating role of HDL-cholesterol, *Journal of Dentistry* 2023; 135 doi:10.1016/j.jdent.2023.104570
6. Chan Ronald, Zhang Jiaguan, Mcgrath Colman, Tsang Paul, Lam Otto. A randomized trial of the effectiveness of an ultrasonic denture hygiene intervention program among community dwelling elders, *European Oral Research* 2023; 57(2): 83-89 doi:10.26650/eor.20231025114
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8. Deng Bixia, McGrath Colman, Jiang Chloe Meng. Schoolchildren's Oral Health Along the Belt and Road, *International Dental Journal* 2023; doi:10.1016/j.identj.2023.03.014
9. Fleming Eleanor, Bastos João L, Jamieson Lisa, Celeste Roger K, Raskin Sarah E, Gomaa Noha, McGrath Colman, Tiwari Tamanna. Conceptualizing inequities and oppression in oral health research, *Community Dentistry and Oral Epidemiology* 2023; 51(S1): 28-35 doi:10.1111/cdoe.12822
10. Du RY, Yang W, Lam PPY, Yiu CKY, McGrath CP. Developing a Toothbrushing Visual Pedagogy (TBVP) for Preschool Children with Autism Spectrum Disorder, *Journal of Autism and Developmental Disorders* 2022; 52(1): 327-338 doi:10.1007/s10803-021-04946-5
11. HO CY, McGrath C, Yiu CKY, Lee HMG. Apps for Promoting Children's Oral Health: Systematic Search in App Stores and Quality Evaluation, *JMIR Pediatrics and Parenting* 2022; 5: e28238-e28238 doi:10.2196/28238
12. Ab Malik N, Mohamad Yatim S, Mokhtar KN, Md Ramli SNR, Dissanayaka WL, Pelekos G, McGrath C. Oral health and vitamin D in adult: a systematic review, *British Journal of Nutrition* 2022; 1-13 doi:10.1017/S0007114522000964
13. Chau CW, Chong M, Khaing Myat Thu , Chu SP, Koohimoghadam M, Hsung TC, McGrath C, Lam YHW. Artificial intelligence-designed single molar dental prostheses: A protocol of prospective experimental study, *PLOS ONE* 2022; 17: e0268535-e0268535 doi:10.1371/journal.pone.0268535
14. Wu L, Lo ECM, McGrath C, Wong MCM, Ho S, Gao X. Motivational interviewing for caries prevention in adolescents: a randomized controlled trial, *Clinical Oral Investigations* 2022; 26: 585-594 doi:10.1007/s00784-021-04037-w
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16. Sun L, Wong HM, McGrath C. Sociodemographic and clinical factors that influence oral health-related quality of life in adolescents: a cohort study, *Community Dental Health* 2022; 39, 8-13
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19. McNeil DW, Randall CL, Baker S, Borrelli B, Burgette JM, Gibson B, Heaton LJ, Kitsaras G, McGrath C, Newton JT. Consensus Statement on Future Directions for the Behavioral and Social Sciences in Oral Health, *Journal of Dental Research* 2022; 101: 619-622 doi:10.1177/00220345211068033
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