

# Victor Chi Wing TAM

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## EDUCATION

- 2019 - 2024      **Doctor of Philosophy**  
*The Hong Kong Polytechnic University*
- 2021 - 2022      **Master of Public Health**  
*The Chinese University of Hong Kong*  
GPA: 3.700 (Class Valedictorian)
- 2018 - 2019      **Pg.Dip. in Public Health**  
*The Chinese University of Hong Kong*  
GPA: 3.463
- 2012 - 2016      **B.Sc. (Hon.) in Radiography (Radiation Therapy)**  
*The Hong Kong Polytechnic University*  
GPA: 3.76 (1st class honour)

## PROFESSIONAL EXPERIENCES

- 10/2024 - Present      **Postdoctoral Fellow**  
*JC School of Public Health and Primary Care, The Chinese University of Hong Kong*
- 07/2024 - 09/2024      **Locum Radiation Therapist**  
*Department of Clinical Oncology, Prince of Wales Hospital*
- 09/2023 - 04/2024      **Research Associate**  
*Department of Health Technology and Informatics, The Hong Kong Polytechnic University*
- 08/2016 - 08/2019      **Full-time Radiation Therapist II**  
*Department of Clinical Oncology, Prince of Wales Hospital*

## PROFESSIONAL QUALIFICATIONS

- 03/2024      **Basic Life Support Instructor (BLSI)**  
*American Heart Association*
- 01/2023      **Advanced Cardiovascular Life Support (ACLS) provider**  
*American Heart Association*
- 10/2018      **Registered (Part I) Therapeutic Radiographer**  
*Hong Kong Radiographers Board*
- 07/2016      **Registered (Part II) Therapeutic Radiographer**  
*Hong Kong Radiographers Board*

## PRIZES AND ACHIEVEMENTS

- 2023      **Hong Kong Volunteer Award 2023 - Outstanding Youth Volunteer**  
*Home and Youth Affairs Bureau & Agency for Volunteer Service*

- 2023 **Certificate of Commendation**  
*Hong Kong Red Cross*
- 2023 **Best Poster Award at the Scientific Symposium on Emergency Medicine 2023**  
*Hong Kong College of Emergency Medicine*
- 2023 **Delegate to the 11<sup>th</sup> University Scholars Leadership Symposium**  
*Humanitarian Affairs Asia in collaboration with the United Nations System*
- 2022 **15-year Long Voluntary Service Award**  
*Hong Kong Red Cross*
- 2022 **Best GPA Award - Class Valedictorian**  
*Jockey Club School of Public Health and Primary Care, CUHK*
- 2022 **Best Capstone Project Prize - First prize**  
*Jockey Club School of Public Health and Primary Care, CUHK*
- 2019 **Hong Kong Outstanding Youth Volunteer**  
*Social Welfare Department*
- 2018 **Rotary Youth Leadership Awards 2018**  
*Rotary International District 3450*
- 2017 **10-year Long Service Award**  
*Social Welfare Department*
- 2016 **Dean's Honours List**  
*Faculty of Health and Social Sciences, PolyU*
- 2015 **Dr. Ng Tat-lun Memorial Scholarship**  
*PolyU*
- 2014, 2015 & 2016 **HKSAR Government Scholarship**  
*HKSAR Government*
- 2013 **Grantham Scholars of the Year Award - Certificate of Merit**  
*Grantham Scholarships Fund*
- 2012 **Sir Edward Youde Memorial Prize**  
*Sir Edward Youde Memorial Fund*

### **MAIN RESEARCH INTERESTS**

- Radiation toxicities and cancer survivorship care
- Promotion of layperson CPR and AED use
- Health behaviours and psychology

### **AUTHOR RESEARCH METRICS**

Number of publications: 14

Number of citations: 221 (Scopus) as of February 26, 2025

h-index: 7 (Scopus)

### **PUBLICATIONS**

1. Zhou, T., Zhou, Y., Cao, J., Yan, W., Yang, M., Wang, Z., Ni, R., Lam, S., Zhang, Y., Li, B., **Tam, V. C. W.**, Leung, W. S., Lee, S. W. Y., Ge, H., & Cai, J. (2025). Hierarchical fuzzy inference system

- quantifiable rule-based diagnosis of radiation dermatitis with linguistically refined features-driven optimization. *Human-Centric Computing And Information Sciences*, 15.  
<https://doi.org/10.22967/HCIS.2025.15.008>
2. Nicol, A. J., Lam, S.-K., Ching, J. C. F., **Tam, V. C. W.**, Teng, X., Zhang, J., Lee, F. K. H., Wong, K. C. W., Cai, J., & Lee, S. W. Y. (2024). A multi-center, multi-organ, multi-omic prediction model for treatment-induced severe oral mucositis in nasopharyngeal carcinoma. *La radiologia medica*.  
<https://doi.org/10.1007/s11547-024-01901-z>
  3. **Tam, V. C. W.**, Ching, J. C. F., Yip, S. S. T., Kwong, V. H. Y., Chan, C. P. L., Wong, K. C. W., & Lee, S. W. Y. (2024). Examining patient-reported late toxicity and its association with quality of life and unmet need for symptom management among nasopharyngeal cancer survivors: a cross-sectional survey. *Frontiers in Oncology*, 14, 1378973. <https://doi.org/10.3389/fonc.2024.1378973>
  4. **Tam, V. C. W.**, & Kwok, A. W. L. (2024). Evaluation of the willingness to perform cardiopulmonary resuscitation (CPR) with automated external defibrillator (AED) among Hong Kong Chinese using the theory of planned behaviour framework: an online cross-sectional survey. *BMJ Public Health*, 2(1), e000406. <https://doi.org/10.1136/bmjph-2023-000406>
  5. Nicol, A. J., Ching, J. C. F., **Tam, V. C. W.**, Liu, K. C. K., Leung, V. W. S., Cai, J., & Lee, S. W. Y. (2023). Predictive factors for chemoradiation-induced oral mucositis and dysphagia in head and neck cancer: a scoping review. *Cancers*, 15(23), 5705. <https://doi.org/10.3390/cancers15235705>
  6. Leung, V. W. S., Ng, C. K. C., Lam, S.-K., Wong, P.-T., Ng, K.-Y., Tam, C.-H., Lee, T.-C., Chow, K.-C., Chow, Y.-K., **Tam, V. C. W.**, Lee, S. W. Y., Lim, F. M. Y., Wu, J. Q., & Cai, J. (2023). Computed tomography-based radiomics for long-term prognostication of high-risk localized prostate cancer patients received whole pelvic radiotherapy. *Journal of Personalized Medicine*, 13(12), 1643. <https://doi.org/10.3390/jpm13121643>
  7. Zhang, Y.-P., Zhang, X.-Y., Cheng, Y.-T., Li, B., Teng, X.-Z., Zhang, J., Lam, S., Zhou, T., Ma, Z.-R., Sheng, J.-B., **Tam, V. C. W.**, Lee, S. W. Y., Ge, H., & Cai, J. (2023). Artificial intelligence-driven radiomics study in cancer: the role of feature engineering and modeling. *Military Medical Research*, 10(1), 22. <https://doi.org/10.1186/s40779-023-00458-8>
  8. **Tam, V. C. W.**, Yip, T. T. Y., Chan, L. H. L., Khaw, M. L., Man, D. Y. L., Chan, A. M. S., Leung, J. K. C., Ching, J. C. F., & Lee, S. W. Y. (2023). Predicting complete mask coverage during the COVID-19 outbreak in Hong Kong using the Health Belief Model. *Asia Pac J Public Health*, 35(4), 315-317. <https://doi.org/10.1177/10105395231167498>
  9. Ni, R., Zhou, T., Ren, G., Zhang, Y., Yang, D., **Tam, V. C. W.**, Leung, W. S., Ge, H., Lee, S. W. Y., & Cai, J. (2022). Deep learning-based automatic assessment of radiation dermatitis in patients with nasopharyngeal carcinoma. *International Journal of Radiation Oncology, Biology, Physics*, 113(3), 685–694. <https://doi.org/10.1016/j.ijrobp.2022.03.011>
  10. Tam, S. Y., **Tam, V. C. W.**, Law, H. K. W., Khaw, M. L., & Lee, S. W. Y. (2021). Rationale for mass masking in controlling the COVID-19 pandemic. *Frontiers in Public Health*, 9(1254). <https://doi.org/10.3389/fpubh.2021.665708>
  11. **Tam, V. C. W.**, Tam, S. Y., Khaw, M. L., Law, H. K. W., Chan, C. P. L., & Lee, S. W. Y. (2021). Behavioural insights and attitudes on community masking during the initial spread of COVID-19 in Hong Kong. *Hong Kong Medical Journal*, 27(2), 106-112.

12. **Tam, V. C. W.**, Tam, S. Y., Poon, W. K., Law, H. K. W., & Lee, S. W. Y. (2020). A reality check on the use of face masks during the COVID-19 outbreak in Hong Kong. *EClinicalMedicine*, 22. <https://doi:10.1016/j.eclinm.2020.100356>
13. Tam, S. Y., **Tam, V. C. W.**, Ramkumar, S., Khaw, M. L., Law, H. K. W., & Lee, S. W. Y. (2020). Review on the cellular mechanisms of low-level laser therapy use in oncology. *Frontiers in Oncology*, 10(1255). <https://doi:10.3389/fonc.2020.01255>
14. Cheung, C. H. Y., Khaw, M. L., **Tam, V. C. W.**, Ying, M. T. C., & Lee, S. W. Y. (2020). Performance evaluation of a portable bioimpedance cardiac output monitor for measuring hemodynamic changes in athletes during a head-up tilt test. *Journal of Applied Physiology*, 128(5), 1146-1152. <https://doi:10.1152/jappphysiol.00822.2019>

### **CONFERENCE PRESENTATIONS**

1. **Tam, V. C. W.**, Chan, C. P. L., Leung, W. S., Wong, G., Cheung, C. H. Y., Wu, V. W. C., Wong, K. C. W., Kwong, D. L. K., & Lee, S. W. Y. (2023, June 22-24). *Mitigating oral mucositis and weight loss during chemo-radiotherapy in nasopharyngeal cancer patients using photobiomodulation therapy* [Conference session]. Multinational Association of Supportive Care in Cancer (MASCC), the Japanese Association of Supportive Care in Cancer (JASCC), and the International Society of Oral Oncology (ISOO) Annual Meeting 2023, Nara, Japan.
2. **Tam, V. C. W.**, Chan, C. P. L., Leung, W. S., Wong, G., Cheung, C. H. Y., Wu, V. W. C., Wong, K. C. W., Kwong, D. L. K., & Lee, S. W. Y. (2023, May 19-21). *Mitigating Oral Mucositis Using Photobiomodulation Therapy In Nasopharyngeal Cancer Patients Receiving Chemo-Radiotherapy* [Conference session]. The Chinese University of Hong Kong ENT Conference 2023, Hong Kong SAR, China.
3. **Tam, V. C. W.**, Leung, W. S., Kwong, D. L. K., Wu, V. W. C., Wong, G., Cheung, C. H. Y., & Lee, S. W. Y. (2021, October 1-3). *Management of oral mucositis and radiation dermatitis using photobiomodulation therapy in nasopharyngeal cancer patients receiving chemo-radiotherapy: Preliminary results of a randomized-controlled trial* [Conference session]. PBM2021 Photobiomodulation Virtual Summit. Virtual event.
4. Lee, S. W. Y., Chan, Y. W., Wu, V. W. C., Chan, C. L., **Tam, V. C. W.**, & Kwong, D. L. W. (2018, December 7-9). *Management of radiation-induced dermatitis using low-level laser therapy (LLLT) in nasopharyngeal cancer (NPC) patients receiving chemo-radiotherapy: A randomized-controlled trial – A Pilot Report* [Conference session]. ESTRO meets Asia. Singapore.
5. **Tam, V. C. W.**, White, P., Ng, O. T. K., Tsui, S. S. W., Yu, T. Y. L., & Lee, S. W. Y. (2017, June 23-25). *Evaluation of chaperone practices for radiotherapy procedures in Hong Kong public hospitals* [Conference session]. 21<sup>st</sup> Asia-Australasia Conference of Radiological Technologists in conjunction with the 5<sup>th</sup> Asia Radiotherapy Symposium & 3<sup>rd</sup> Hong Kong Radiographers and Radiation Therapists Conference, Hong Kong SAR, China.

### **POSTER PRESENTATIONS**

1. Yeung, N. C. Y., Lau, S. T. Y., Wong, E. L. Y., Vujanovic, A., Hung, K. K. C., **Tam, V. C. W.**, Tang, C. S. K. (2025, March 26-29). *“The cost of caring”: A qualitative analysis on the experience of secondary*

- traumatic stress among healthcare workers caring for trauma-exposed patients in Hong Kong*. [Poster presentation]. 46th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, San Francisco, California.
2. Yeung, N. C. Y., Lau, S. T. Y., **Tam, V. C.W.**, Wong, E. L.Y., Vujanovic, A., Hung, K. K. C., Tang, C. S. K. (2025, March 26-29). *“I’d rather keep it to myself”: A qualitative analysis on challenges and preferences of mental health-seeking among healthcare workers caring for trauma-exposed patients in Hong Kong*. [Poster presentation]. 46th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, San Francisco, California.
  3. **Tam, V. C. W.**, Ching, J. C. F., Yip, S. S. T., Kwong, V. H. Y., Chan, C. P. L., Wong, K. C. W., & Lee, S. W. Y. (2023, December 1-3). *Self-Reported Symptom Burden, Quality Of Life And Unmet Need Of Symptom Management In Nasopharyngeal Cancer Survivors: A Cross-Sectional Survey* [Poster presentation]. ESMO Asia Congress 2023, Singapore.
  4. Lee, S. W. Y., **Tam, V. C. W.**, Ching, J. C. F., Yip, S. S. T., Kwong, V. H. Y., Chan, C. P. L., & Wong, K. C. W. (2023, December 1-3). *Psychometric Validation of The M. D. Anderson Symptom Inventory - Head & Neck Module - Chinese version In Nasopharyngeal Cancer Survivors* [Poster presentation]. ESMO Asia Congress 2023, Singapore.
  5. **Tam, V. C. W.**, & Kwok, A. W. L. (2023, October 28). *Delving into the ‘KNOW-DO’ gap: Evaluation of willingness to perform bystander cardiopulmonary resuscitation (CPR) with automated external defibrillator (AED) in Hong Kong community using the Theory of Planned Behaviour framework* [Poster presentation]. Scientific Symposium on Emergency Medicine 2023, Hong Kong SAR, China.
  6. **Tam, V. C. W.**, & Kwok, A. W. L. (2023, October 28). *‘Time to refresh’: Evaluating the timing of refresher training and the willingness to perform cardiopulmonary resuscitation (CPR) with an automated external defibrillator (AED) using the Theory of Planned Behaviour framework* [Poster presentation]. Scientific Symposium on Emergency Medicine 2023, Hong Kong SAR, China.

## **RESEARCH GRANTS**

*(As Co-Investigator)*

1. **Health and Medical Research Fund (HMRF)**, Health Bureau, The Hong Kong SAR Government  
 Project title: Building capacity to quantify radiation-induced urinary toxicities in rectal cancer patients: a pilot study (Ref: 20211041)  
 Amount applied: HKD\$499,993 (PI: Dr Marco TAM)  
 Project period: 15/4/2024 - 14/4/2026

## **VOLUNTEER EXPERIENCES**

- |                   |   |
|-------------------|---|
| 06/2024 - Present | <p><b><u>PUBLIC HEALTH DELEGATE (in-training)</u></b><br/> <i>Overseas Humanitarian Volunteer Service Unit, Hong Kong Red Cross</i></p> <ul style="list-style-type: none"> <li>• Provided humanitarian service to overseas communities affected by disasters, emergencies, or community crises</li> </ul> |
| 09/2019 - 08/2021 | <p><b><u>COORDINATOR - Radiation therapy preparatory workshop</u></b><br/> <i>Hong Kong Polytechnic University &amp; Hong Kong Children’s Cancer Foundation</i></p> <ul style="list-style-type: none"> <li>• Prepared children with cancer and their family members for radiation therapy</li> </ul>      |

09/2016 - 08/2018 **CHAIRMAN - Health Exhibition Project**

*Hong Kong Red Cross*

- Led adult members in the organization of an exhibition promoting a healthy lifestyle and early screening for colorectal cancer in the high-risk group

09/2006 - Present **MEMBER & VOLUNTARY STAFF**

*Youth Development Service, Hong Kong Red Cross*

- Current post: District Officer (Yau Tsim Mong District)
- Led adult and youth volunteers in community service projects and training
- Provided basic first aid training and AIDS education to youth members