



# WANRUDEE ISARANUWATCHAI, PhD

HITAP Program Leader

## CONTACT



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## Academic and Training Background

- 2011 – 2012 Postdoctoral Fellow, Centre for Addiction and Mental Health, Toronto
- 2006 – 2012 PhD in Health Services Research (Health Economics), University of Toronto, Toronto
- 1999 – 2003 BSc in Health Sciences, University of Waterloo, Waterloo

## Work Experience (Current)

- Mar 2020 – present Program Leader (Director) and Senior Researcher, Health Intervention and Technology Assessment Program, Ministry of Public Health, Thailand
- Feb 2020 – present Research Scientist, St. Michael's Hospital, Toronto, Canada
- Sept 2015 – present Research Fellow, Institute for Clinical Evaluative Sciences, Toronto, Canada
- Aug 2014 – present Assistant Professor, Institute of Health Policy, Management and Evaluation, University of Toronto, Toronto, Canada

## Peer-Reviewed Publications (Selected)

1. **Isaranuwachai, W.**, Teerawattananon, Y., Archer, R.A., Luz, A., Sharma, M., Rattanavipapong, W., Anothaisintawee, T., Bacon, R.L., Bhatia, T., Bump, J., Chalkidou, K., Elshaug, A.G., Kim, D.D., Reddiar, S.K., Nakamura, R., Neumann, P.J., Shichijo, A., Smith, P.C., & Culyer, A.J. Prevention of non-communicable disease: best buys, wasted buys, and contestable buys. *BMJ*. 2020 Jan 28;368:m141.
2. Teerawattananon, Y., Dabak, S.V., Khoe, L.C., Bayani, D.B.S., & **Isaranuwachai, W.** To include or not include: renal dialysis policy in the era of universal health coverage. *BMJ*. 2020 Jan 28;368:m82.

## MORE INFO

ON:



Complete CV is available



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## Peer-Reviewed Publications (Selected)

- Phillips, C.M., Parmar, A., Guo, H., Schwartz, D., **Isaranuwachai, W.**, Beca, J., Dai, W., Arias, J., Gavura, S., & Chan, K.K.W. Assessing the efficacy-effectiveness gap for cancer therapies: A comparison of overall survival and toxicity between clinical trial and population-based, real-world data for contemporary parenteral cancer therapeutics. *Cancer*. 2020 Jan 8.
- Chan, K., Nam, S., Evans, B., deOliveira, C., Chambers, A., Gavura, S., Hoch, J., Mercer, R.E., Dai, W.F., Beca, J., Tadrous, M., & **Isaranuwachai, W.** Developing a framework to incorporate real-world evidence in cancer drug funding decisions: the Canadian Real-world Evidence for Value of Cancer Drugs (CanREValue) collaboration. *BMJ Open*. 2020 Jan 7;10(1):e032884.
- Chan, K.K.W., Guo, H., Cheng, S., Beca, J.M., Redmond-Misner, R., **Isaranuwachai, W.**, Qiao, L., Earle, C., Berry, S.R., Biagi, J.J., Welch, S., Meyers, B.M., Mittmann, N., Coburn, N., Arias, J., Schwartz, D., Dai, W.F., Gavura, S., McLeod, R., & Kennedy, E.D. Real-world outcomes of FOLFIRINOX vs gemcitabine and nab-paclitaxel in advanced pancreatic cancer: A population-based propensity score-weighted analysis. *Cancer Medicine*. 2020 Jan;9(1):160-169.
- Mendlowitz, A., Croxford, R., MacLagan, L., Ritcey, G., & **Isaranuwachai, W.** (2020). Usage of primary and administrative data to measure the economic impact of quality improvement projects. *BMJ Open Quality*, 9(2), e000712.
- D'Souza, D. P., Perdrizet, J., Skliarenko, J., Ang, M., Barbera, L., Ravi, A., ... & **Isaranuwachai, W.** (2017). A Cost-Utility Analysis Comparing MR-Guided Brachytherapy to Standard 2D Brachytherapy for Patients With Locally Advanced Cervical Cancer in Ontario, Canada. *International Journal of Radiation Oncology• Biology• Physics*, 99(2), S227.
- Mendlowitz, A.B., Shanbour, A., Downar, J., Vila-Rodriguez, F., Daskalakis, Z.J., **Isaranuwachai, W.**, & Blumberger, D.M. (2019). Implementation of intermittent theta burst stimulation compared to conventional repetitive transcranial magnetic stimulation in patients with treatment resistant depression: A cost analysis. *PloS one*. 2019 Sep 12;14(9):e0222546.
- Isaranuwachai, W.**, de Oliveira, C., Mittmann, N., Evans, W.K., Peter, A., Truscott, R., & Chan, K.K.W. Impact of Smoking on Health System Costs Among Cancer Patients. *British Medical Journal Open*. 2019;9(6):e026022.
- Magnus, A., **Isaranuwachai, W.**, Mihalopoulos, C., Brown, V., & Carter, R. (2019). A Systematic Review and Meta-Analysis of Prostate Cancer Utility Values of Patients and



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## Presentations and Courses (Selected)

- 2014 – 2020 **Lecturer and Course Director.** Graduate course - Advanced Methods for Economic Evaluation, HAD5738, Institute of Health Policy, Management and Evaluation, Faculty of Medicine, University of Toronto, ON, Canada
- Mar 5, 2020 **Lecturer.** Introduction to Health Technology Assessment (HTA), invited guest lecture in “HAD5771: Resource Allocation Ethics”, Institute of Health Policy, Management and Evaluation, Faculty of Medicine, University of Toronto, ON
- Jan 7-9, 2020 **Lecturer.** Health Technology Assessment: Selecting the highest value care, Department of Health, Manila, Philippines
- Nov 12, 2019 **Lecturer.** Health Technology Assessment, invited lecture in “HAD6760: Introduction to Health Services Research Theory & Methods”, Institute of Health Policy, Management and Evaluation, Faculty of Medicine, University of Toronto, ON, Canada
- Oct 24-25, 2019 **Lecturer.** Graduate short course - Economic Evaluation using Person-level Data, GRHA676, Faculty of Pharmacy, Mahidol University, Bangkok, Thailand
- Oct 3-5, 2019 **Lecturer.** Workshop on Health Technology Assessment: Maximising the benefits of health spending, Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Puducherry, India
- Jul 24-25, 2019 **Lecturer.** Conducting Economic Evaluation Using Person-Level Data, National University of Singapore, Singapore
- Jul 11, 2019 **Invited Speaker.** Cost-effectiveness study for new vaccine introduction, presented at the 10th meeting of the WHO South-East Asia Regional Immunization Technical Advisory Group (SEAR ITAG), New Delhi, India
- Apr 14, 2019 **Lecturer and Workshop Director.** How to use person-level data and regression analysis to show the value for money of your health interventions, Canadian Agency for Drugs and Technologies in Health (CADTH) Symposium, Edmonton, AB, Canada
- Dec 7, 2018 **Invited Speaker.** Learning from the Moo Pa Academy Soccer Team experience in Thailand: Health Technology Assessment (HTA) in Southeast Asia, presented at the Toronto Health Economics and Technology Assessment (THETA) Collaborative Rounds, University Health Network, Toronto, ON, Canada