



Health Intervention and Technology Assessment Program (HITAP)
6th floor, 6th building, Department of Health,
Ministry of Public Health, Tiwanon Rd., Muang,
Nonthaburi, Thailand 11000
Tel: +66 (0) 968619456
Email: pritaporn.k@hitap.net

PRITAPORN KINGKAEW

EDUCATION

The University of Leeds, United Kingdom, PhD

December 2014 – December 2018

PhD entitled “Optimising the development of effective mobile health behaviour change interventions: text messages to support smoking cessation in Thailand”

The University of York, United Kingdom, MSc (Health Economics)

October 2009 – September 2010

Dissertation entitled “Using elicited beliefs in a National Institute for Health and Clinical Excellence appraisal: Exploring the biases of elicited beliefs”

Srinakharinwirot University, Thailand, B.Pharm

June 2002 – March 2007

Dissertation entitled “Crisis of Pulmonary Tuberculosis in Thailand”

The University of Nottingham, United Kingdom, Study abroad programme

August 2005 – June 2006

EXPERIENCE

DEPUTY HEAD OF RESEARCH UNIT, HEALTH INTERVENTION AND TECHNOLOGY ASSESSMENT PROGRAM (HITAP)

June 2020 – Present

RESEARCHER, HITAP

December 2007 – Present

2020

- ❖ A study to develop a quarantine guideline for medical and public health personnel who have been exposed to COVID-19 (Principle investigator)
- ❖ An economic evaluation of single-dose Human Papillomavirus vaccine in Thailand (Principle investigator)

2018 - 2019

- ❖ A cost-utility analysis of policy options for dietary sodium intake control in Thailand (Principle investigator)
- ❖ Service availability and readiness assessment of cochlear implantation and rehabilitation services in Thailand (Principle investigator)
- ❖ A cost-utility and budget impact analysis of treatment for multiple sclerosis (Principle investigator)
- ❖ Development of the health technology assessment guideline version 3 (Co-investigator)
- ❖ Cost-effectiveness analysis of Rotavirus vaccine in Bhutan (Co-investigator)

2014

- ❖ A cost-utility and budget impact analysis of the sunitinib risk-sharing scheme for the treatment of metastatic RCC and for advanced GIST after failure of imatinib (Principle investigator)
- ❖ Access to assistive technology for people with disability: quality of life and capability (Co-investigator)
- ❖ A cost-utility analysis of screening for retinopathy of prematurity in high-risk newborns (Co-investigator)

2013

- ❖ Economic evaluation and budget impact of using Pegylated-Interferon and Ribavirin for treatment in HIV patients with chronic hepatitis C co-infection (Co-investigator)
- ❖ Cost-utility analysis of screening for diabetes (Co-investigator and technical assistant)
- ❖ Health promotion and disease prevention policies and priority setting on health problems for children and adolescent aged 6-25 years in Thailand (Co-investigator)
- ❖ Cost-effectiveness analysis of self-monitoring of blood glucose in patients with insulin treated diabetes (Co-investigator and technical assistant)
- ❖ Development of population-based screening package in Thailand (Co-investigator)

2012

- ❖ Economic evaluation on screening strategies and treatment options for postmenopausal osteoporosis (Principle investigator)
- ❖ Economic evaluation of treatment for metastatic clear cell renal cell carcinoma (Principle investigator)

2010-2011

- ❖ An economic evaluation of tetravalent dengue vaccine in Thailand (Principle investigator)
- ❖ Economic evaluation of comprehensive HIV prevention activities targeting those most at risk of HIV/AIDS in Thailand (Co-investigator)
- ❖ Feasibility study of the Community Health Initiative for maternal and child health in Myanmar (Co-investigator, economic evaluation)

2009

- ❖ Economic evaluation of screening and diagnostic algorithms for pulmonary tuberculosis among HIV-infected patients in Thailand (Principle investigator)

2007-2008

- ❖ Analysis of cost-utility and budget impact on cochlear implantation for profoundly bilateral hearing loss patients in Thailand: a simulation study (Principle investigator)
- ❖ A review of magnitude and impact of dental health system in Thailand (Co-investigator)
- ❖ Cost-effectiveness analysis of cataract surgery using a foldable and rigid intraocular lenses in Thailand (Co-investigator)
- ❖ Evidence-informed decisions on health technology in Thailand (Co-investigator)
- ❖ A historical development of health technology assessment in Thailand (Co-investigator)

RESEARCH ASSISTANT, HITAP

March 2007 – November 2007

2007

- ❖ Economic evaluation on screening strategies and treatment options for postmenopausal osteoporosis

- ❖ Review of alcohol policies and contributions from key players in reducing alcohol consumption between 1997-2007 in Thailand

COMMITTEE

Health Economic Working Group of the Sub Committee for the Development of the National List of Essential Medicines Secretariat and member (2013-2015, term)

Price Negotiation Working Group of the Sub Committee for the Development of the National List of Essential Medicines Secretariat and member (2013-2015, term)

LECTURER

International workshop/course

- Training Workshop on OneHealth Tool, WHO SEARO, New Delhi, India 8-11 July 2014
- The 3rd AfHEA International pre-conference course: Principles of Economic Evaluation, Nairobi, Kenya, 10 March 2014
- Principles of Economic Evaluation, Hanoi, Vietnam, 12 November 2013
- Vaccine evaluation workshop: Introduction to health economic evaluation and modelling, Angeles City, Philippine, 18 -20 March 2013
- Training on Health Economic Evaluation of Disease Burden: Decision analytic modelling, Nonthaburi, Thailand, 3-27 January 2012
- Training Workshop on Economic Evaluation and Health Communication for Maternal and Child Health Voucher Scheme, The Ministry of Health, Nye Pi Taw, Myanmar, 15-19 August 2011
- Guest lecturer on 'Health Economic Evaluation' Master of Primary Health Care Management Degree Programme, ASEAN Institute for Health Development, Mahidol University, 4-7 December 2010

Domestic workshop/course

- Lecturer on 'Modeling Methods for Health Economic Evaluation', the 9th 8th and the 7th Health Economic Evaluation Training, HITAP (Thai) 15-19 July 2013, 9 – 13 July 2012, 4 – 8 July 2011
- Guest lecturer on 'Economic outcome' for MBA597 Pharmaceutical outcome Research at the Srinakharinwirot University (Thai), August – September 2012; September 2011

- Guest lecturer on 'Economic evaluation of health interventions in practice' for Health Benefit Package Decision, Master of Science (Health Security Financing and Management) at Faculty of Medicine, Naresuan University (Thai), 9 October 2011
- Teaching assistant on 'Hand-on experience in conducting meta-analysis' for Health Benefit Package Decision, Master of Science (Health Security Financing and Management) at Faculty of Medicine, Naresuan University (Thai) 18 September 2011
- Guest lecturer on 'Retrieving economic evaluation studies' at the Faculty of Pharmaceutical Science, Khon Kaen University (Thai), 23 June 2011
- Guest lecturer on 'Health Economic Evaluation' Master of Primary Health Care Management Degree Programme, ASEAN Institute for Health Development, Mahidol University (English), 4 – 7 December 2010
- Teaching assistant on 'Introduction to health economic evaluation: concept to reality – theory to practice' and 'Modeling methods for health economic evaluation', the 4th and the 5th Health Economic Evaluation Training, HITAP (Thai), 13 – 17 July 2009, 7 – 11 July 2008

CONSULTANTS

- Cost-effectiveness analysis of Rotavirus vaccine in Bhutan, Thimphu, Bhutan, 12-14 December 2018
- Cost-effectiveness analysis of Package of Essential Non-communicable disease (PEN) interventions in Bhutan, Thimphu, Bhutan, 11-13 September 2013
- Feasibility study of the Community Health Initiative for Maternal and Child Health in Myanmar The Ministry of Health, Naypyidaw, Myanmar, 14-16 March 2011

CERTIFIED TRAINING

edX by Harvard University (online course)

22/10/2012 - 30/01/2013

Health in Numbers: Quantitative Methods in Clinical & Public Health Research

International Health Policy Program, Thailand

12/11/2012-16/11/2012

Health Equity Analysis Training Workshop

**Epidemiology Unit, Prince of Songkla University, Thailand
(online course)**

14/01/2008-18/03/2008

R Programme

The University of Reading, United Kingdom

26/11/2007-28/11/2007

Design and Analysis of Experiments

SKILLS & ABILITIES

English skills: Writing, Reading, Speaking, Listening (Good, with IELTS score 7)

Computer skills: Microsoft Office (Word, Excel, Power Point, Outlook, Publisher and Visio), SPSS, STATA, R Program, Berkeley Madonna, WinBUGS, EndNote and Adobe Illustrator

PUBLICATIONS

Peer-review international journals

1. Kasemsiri P, Yimtae K, Thanawirattananit P, Israsena P, Noymai A, Laohasiriwong, Vatanasapt P, Siripaopradith, Kingkaew P. **Effectiveness of a programable body-worn digital hearing aid for older adults in a developing country: a randomized controlled trial with a cross-over design.** BMC Geriatrics 2021 (final proofreading process)
2. Pempa, Luz ACG, Luangasanatip N, Kingkaew P, Adhikari D, Isaranuwatthai W, et al. **Economic evaluation of rotavirus vaccination in children of Bhutan.** Vaccine. 2020;38(32):5049-59.
3. Kingkaew P, Glidewell L, Walwyn R, Fraser H, Wyatt JC. **Identifying effective components for mobile health behaviour change interventions for smoking cessation and service uptake: protocol of a systematic review and planned meta-analysis.** Syst Rev. 2017 Oct 6;6(1):193.
4. Teerawattananon Y, Kingkaew P, Koopitakkajorn T, Youngkong S, Tritasavit N, Srisuwan P, Tantivess S. **Development of a Health Screening Package Under the Universal Health Coverage: The Role of Health Technology Assessment.** Health Econ. 2016 Feb;25 Suppl 1:162-78.
5. Kingkaew P, Werayingyong P, Aye SS, Tin N, Singh A, Myint P, Teerawattananon Y. **An ex-ante economic evaluation of the**

- Maternal and Child Health Voucher Scheme as a decision-making tool in Myanmar.** Health Policy Plan. 2016 May;31(4):482-92.
6. Teerawattananon Y, Tritasavit N, Suchonwanich N, Kingkaew P. **The use of economic evaluation for guiding the pharmaceutical reimbursement list in Thailand.** Z Evid Fortbild Qual Gesundheitswes. 2014;108(7):397-404.
 7. Dukpa W, Teerawattananon Y, Rattanavipapong W, Srinonprasert V, Tonggsri W, Kingkaew P, Yothasamut J, Wangchuk D, Dorji T, Wangmo K. **Is diabetes and hypertension screening worthwhile in resource-limited settings? An economic evaluation based on a pilot of a Package of Essential Non-communicable disease interventions in Bhutan.** Health Policy Plan. 2015 Oct;30(8):1032-43.
 8. Kingkaew P, Maleewong U, Ngarmukos C, Teerawattananon Y. **Evidence to inform decision makers in Thailand: a cost-effectiveness analysis of screening and treatment strategies for postmenopausal osteoporosis.** Value Health. 2012 Jan;15(1 Suppl):S20-8.
 9. Kittikraisak W, Kingkaew P, Teerawattananon Y, Yothasamut J, Natesuwan S, Manosuthi W, Chongsuvivatwong V, Whitehead SJ. **Health Related Quality of Life among Patients with Tuberculosis and HIV in Thailand.** PLoS One. 2012;7(1):e29775. Epub 2012 Jan 11.
 10. Teerawattananon Y, Tantivess S, Yothasamut J, Kingkaew P, Chaisiri K: **Historical development of health technology assessment in Thailand.** Int J Technol Assess Health Care. 2009 Jul;25 Suppl 1:241-52.
 11. Jirawattanapaisal T, Kingkaew P, Lee TJ, Yang MC. **Evidence-based decision-making in Asia-Pacific with rapidly changing health-care systems: Thailand, South Korea, and Taiwan.** Value Health. 2009 Nov-Dec;12 Suppl 3:S4-11.

Domestic journals

1. Kasemsiri P, Yimtae K, Thanawirattananit P, Laoharsiriwong S, Siripaopradith P, Kingkaew P. **Community-Based Hearing Screening of Disabled Elders Using the Thai-FMHT: Clinical Implications and Cost-Effectiveness.** J Med Assoc Thai. 2015 Aug;98 Suppl 7:S168-73.

2. Kingkaew P, Teerawattananon Y. **The economic evaluation of medical devices: challenges.** J Med Assoc Thai. 2014 May;97 Suppl 5:S102-7.
3. Kingkaew P. **A way forward for the evaluation of health technologies for infectious diseases.** J Med Assoc Thai. 2014 May;97 Suppl 5:S87-93.
4. Srisuwan P, Koopitakkajorn T, Kingkaew P, Youngkong S, Ingsrisawang L, Kedcham D, Tantivess S and Teerawattananon Y. **Development of Thailand's population-based screening package.** Journal of Health Systems Research 2013; 7(4) 505-515.
5. Kumdee C, Dumrongprat K, Kingkaew P and Teerawattananon Y. **The cost of screening interventions for road-accident prevention.** Journal of Health Systems Research 2013; 7(4) 493-504.
6. Srisuwan P, Koopitakkajorn T, Kingkaew P, Youngkong S, Tantivess S and Teerawattananon Y. **Recommendation of population-based screening guideline for asthma in Thailand.** Journal of Health Systems Research 2013; 7(4) 462-467.
7. Srisuwan P, Koopitakkajorn T, Kingkaew P, Youngkong S, Tantivess S and Teerawattananon Y. **Population-based screening for tuberculosis in Thailand.** Journal of Health Systems Research 2013; 7(4) 433-439.
8. Kumluang S, Kingkaew P and Teerawattananon Y. **A literature review of cholangiocarcinoma screening in Thailand.** Journal of Health Systems Research 2013; 7(3) 421-430.
9. Srisuwan P, Koopitakkajorn T, Kedcham D, Kingkaew P, Youngkong S, Tantivess S and Teerawattananon Y. **Population-based screening for nephrosis, nephritis and renal stone in Thailand.** Journal of Health Systems Research 2013; 7(3) 380-388.
10. Koopitakkajorn T, Srisuwan P, Kingkaew P, Youngkong S, Wongchaya N, Suwannakerd S, Tantivess S and Teerawattananon Y. **Development of a population-based screening for anemia in Thailand.** Journal of Health Systems Research 2013; 7(3) 372-379.
11. Srisuwan P, Koopitakkajorn T, Kingkaew P, Youngkong S, Tantivess S and Teerawattananon Y. **Population-based screening for atrial fibrillation (AF) in Thailand.** Journal of Health Systems Research 2013; 7(3) 361-371.

12. Kingkaew P, Koopitakkajorn T, Srisuwan P, Youngkong S, Tantivess S and Teerawattananon Y. **Cardiovascular disease risk assessment.** Journal of Health Systems Research 2013; 7(3) 346-360.
13. Youngkong S, Srisuwan P, Koopitakkajorn T, Kingkaew P, Ingsrisawang L, Kedcham D, Tantivess S, Bundhamcharoen K, and Teerawattananon Y. **Disease prioritization for inclusion into Thailand's population-based screening benefit package.** Journal of Health Systems Research 2013; 7(3) 331-345.
14. Teerawattananon K, Wongkittiruk K, Butchon R, Kingkaew P, Chaikledkaew U and Teerawattananon Y. **Economic Evaluation of Foldable Compared to Rigid Intraocular Lens for Patients.** Journal of Health Science 2011; 20(2):235-250.
15. Pattanaphesaj J and Kingkaew P. **Effectiveness and cost-effectiveness of preventive dentistry.** Journal of Health Science 2010; 19(5):695-716.

Newsletter (English)

1. HTAsiaLink newsletter 1st issue: First Step of the HTA collaboration in Asia
2. HTAsiaLink newsletter 2nd issue: From HTA studies to successful stories
3. HTAsiaLink newsletter 3rd issue: Finding the right topic for health technology assessment

Book (Thai)

Guidelines for Health Technology Assessment in Thailand (Second Edition), chapter Economic evaluation of health technologies for infective disease, and economic evaluation of medical devices

Guidelines for Health Technology Assessment in Thailand (Third Edition)

AWARDS

Capacity Building on Health Policy and System Research (CapHPSR) fellowship

PhD scholarship (2014-2018 academic year)

HITAP fellowship awards

Master degree scholarship (2009-2010 academic year)

ISPOR Best Contributed Poster Presentation Awards

“Economic evaluation on screening strategies and treatment options for postmenopausal osteoporosis” ISPOR 3rd Asia-Pacific Conference, 7-9 September 2008, Grand Hilton Seoul, Seoul, Korea

REFERENCES

Dr. Yot Teerawatananon

Secretary General of the HITAP foundation and senior researcher, Health Intervention and Technology Assessment Program (HITAP)

6th floor of 6th building, Department of Health, Ministry of Public Health,

Tiwanon Rd., Nonthaburi, Thailand 11000

Tel: +66 (0)2590 4373

Fax: +66 (0)2590 4369

Email: yot.t@hitap.net

Professor Jeremy C. Wyatt

Professor of Digital Healthcare & Director, Wessex Institute, Faculty of Medicine,

University of Southampton, University Road, Southampton, SO17 1BJ, United Kingdom

Tel: +44 (0)23 8059 5581

E-mail: J.C.Wyatt@soton.ac.uk

Dr. Liz Glidewell

Senior lecturer, Department of Health Sciences, Seebohm Rowntree Building

University of York, Heslington, York, YO10 5DD, United Kingdom

Tel: +44 (0) 190 432 1723

E-mail: liz.glidewell@york.ac.uk