

Curriculum Vitae

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Position **Founding Leader**
Office **Health Intervention and Technology Assessment Program (HITAP)**
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EDUCATION

YEAR

- Doctor of Philosophy in Health Economics, University of East Anglia, England 2006
- Postgraduate Diploma in Health Sciences, University of East Anglia, 2003
- Doctor of Medicine, Chulalongkorn University, Thailand 1997

PROFESSIONAL EXPERIENCE

- Founding Leader of the HITAP, January 2007-present
- Senior Researcher, International Health Policy Program (IHPP), May 2001-Dec 2006
- Research Fellow, Senior Research Scholar Program in Health Financing and Health Economics, Health Systems Research Institute, January 2000-April 2001
- Hospital Director, Pong Hospital, Phayao Province, June 1998-January 2000
- Medical Staff, ChiangKhum Hospital, Phayao Province, March 1997-June 1998

AWARDS AND HONOR

- Thailand Research Fund's Senior Research Scholar (2012) (awarded to distinguished senior researchers, who have shown ability, integrity and excellence, and are well-known in his/her research area, with the aim to provide support for the development of research teams lead by the TRF senior research scholars, and to build up long-term intellectual and training bases for the new generations of researchers in the country <http://www.trf.or.th/>)
- The ISPOR International Fellowship Award, International Society for Pharmacoeconomics and Outcome Research, 2008-2009
- The Best Research Award of the Year 2008 (for non-clinical study), An Annual

Conference of the Ministry of Public Health, Thailand

- The Best Podium Presentation, 2nd Asia-Pacific ISPOR conference, Shanghai, 2006
- The Best Research Award, the Third National Alcohol Conference, Bangkok, 2007
- World Health Organization Fellowship Award, 2002-2006
- Award for an Outstanding Medical Student of Surgical Department, 1997

PUBLICATIONS

- Mohara A, Pérez Velasco R, Praditsitthikorn N, Avihingsanon Y, Teerawattananon Y. A cost-utility analysis of alternative drug regimens for newly-diagnosed severe lupus nephritis patients in Thailand. *Rheumatology* 2013 (In press)
- Praditsitthikorn N, Kotirum S, Mohara A, Dumrongprat K, Velasco RP, Teerawattananon Y. Assessing key model parameters for economic evaluation of pandemic influenza interventions: the data source matters. *Influenza Other Respi Viruses*. 2013 Sep;7 Suppl 2:59-63
- RattanaVIPapong W, Koopitakkajorn T, Praditsitthikorn N, Mahasirimongkol S, and Teerawattananon Y. Economic evaluation of HLA-B*1502 screening for carbamazepine-induced severe adverse drug reactions in Thailand. *Epilepsia*. 2013 Jul 29. doi: 10.1111/epi.12325.
- Teerawattananon Y, McQueston K, Glassman A, Yothasamut J, Myint CY. Health Technology Assessments as a Mechanism for Increased Value for Money: Recommendations to the Global Fund. *Global Health*. 2013 Aug 21;9(1):35
- Kulpeng W, Sornsrivichai V, Chongsuvivatwong V, RattanaVIPapong W, Leelahavarong P, Cairns J, Lubell Y, Teerawattananon Y. Variation of health-related quality of life assessed by caregivers and patients affected by severe childhood infections. *BMC Pediatr*. 2013 Aug 13;13(1):122.
- Werayingyong P, Phanuphak N, Chokephaibulkit K, Tantivess S, Kullert N, Tosanguan K, Butchon R, Voramongkol N, Boonsuk S, Pilasant S, Kulpeng W, Teerawattananon Y. Economic Evaluation of 3-Drug Antiretroviral Regimens for the Prevention of Mother-to-Child HIV Transmission in Thailand. *Asia Pac J Public Health*. 2013 Jun 11. [Epub ahead of print]
- Anothaisintawee T, Wiratkapun C, Lersitthichai P, Kasamesup V, Wongwaisayawan S, Srinakarin J, Hirunpat S, Woodtichartpreecha P, Boonlikit S, Teerawattananon Y, Thakkinstian A. Risk Factors of Breast Cancer: A Systematic Review and Meta-Analysis. *Asia Pac J Public Health*. 2013 May 23. [Epub ahead of print]
- Kulpeng W, Leelahavarong P, RattanaVIPapong W, Sornsrivichai V, Baggett HC,

Meeyai A, Punpanich W, Teerawattananon Y. Cost-utility analysis of 10- and 13-valent pneumococcal conjugate vaccines: Protection at what price in the Thai context? *Vaccine*. 2013 Apr 12.

- Tantivess S, Werayingyong P, Chuengsaman P, Teerawattananon Y. Universal coverage of renal dialysis in Thailand: promise, progress, and prospects. *BMJ*. 2013 Jan 31;346: f462.
- Thavorncharoensap M, Teerawattananon Y, Natanant S, Kulpeng W, Yothasamut J, Werayingyong P. Estimating the willingness to pay for a quality-adjusted life year in Thailand: does the context of health gain matter? *Clinicoecon Outcomes Res*. 2013;5:29-36.
- Velasco RP, Chaikledkaew U, Myint CY, Khampang R, Tantivess S, Teerawattananon Y. Advanced health biotechnologies in Thailand: redefining policy directions. *J Transl Med*. 2013 Jan 2;11(1):1.
- Anothaisintawee T, Leelahavarong P, Ratanapakorn T, Teerawattananon Y. The use of comparative effectiveness research to inform policy decisions on the inclusion of bevacizumab for the treatment of macular diseases in Thailand's pharmaceutical benefit package. *ClinicoEconomics and Outcomes Research*. 2012;4:361–374
- Khiaocharoen O, Pannarunothai S, Riewpaiboon W, Ingsrisawang L, Teerawattananon Y. Economic Evaluation of Rehabilitation Services for Inpatients with Stroke in Thailand: A Prospective Cohort Study. *Value in Health Regional Issues*. 2012;1(1):29-35.
- Youngkong S, Baltussen R, Tantivess S, Mohara A, Teerawattananon Y. Multicriteria decision analysis for including health interventions in the universal health coverage benefit package in Thailand. *Value Health*. 2012;15(6):961-70.
- Glassman A, Chalkidou K, Giedion U, Teerawattananon Y, Tunis S, Bump J.B., Pichon-Riviere A. Priority-Setting Institutions in Health: Recommendations from a Center for Global Development Working Group. *Global Heart*. 2012;7(1):13-34.
- Tonmukayakul U, Perez Velasco R, Tantivess S, Teerawattananon Y. Lessons drawn from research utilization in the maternal iodine supplementation policy development in Thailand. *BMC Public Health*. 2012; May 30;12(1):391.
- Tantivess S, Velasco R, Yothasamut J, Mohara A, Limprayoonyong H, Teerawattananon Y. Efficiency or Equity: Value judgments in coverage decisions in Thailand. *Journal of Health Organization and Management* 2012; 26(3). early online
- Littlejohns P, Weale A, Chalkidou K, Faden R, Teerawattananon Y. Social Values and Health Policy: A New International Research Programme. *Journal of Health*

Organization and Management 2012; 26(3). early online

- Mohara A, Youngkong S, Pérez Velasco R, Werayingyong P, Pachanee K, Prakongsai P, Tantivess S, Tangcharoensathien V, Lertiendumrong J, Jongudomsuk P, Teerawattananon Y. Using health technology assessment for informing coverage decisions in Thailand. *J Compar Effect Res* 2012;1(2):137-46.
- Youngkong S, Teerawattananon Y, Tantivess S, Baltussen R. Multi-criteria decision analysis for setting priorities on HIV/AIDS interventions in Thailand. *Health Res Policy Syst.* 2012 Feb 17;10(1):6.
- Mohara A, Yamabhai I, Chaisiri K, Tantivess S, Teerawattananon Y. Impact of the introduction of government use licenses on the drug expenditure on seven medicines in Thailand. *Value Health.* 2012 Jan;15(1 Suppl):S95-9.
- 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.
- Kittikraisak W, Kingkaew P, Teerawattananon Y, Yothasamut J, Natesuwan S, Manosuthi W, Chongsuivatwong V, Whiteheadet S. Health Related Quality of Life among Patients with Tuberculosis and HIV in Thailand. *PLoS ONE.* 2012;7(1): e29775.
- Anothaisintawee T, Teerawattananon Y, Wiratkapun C, Kasamesup V, Thakkinstian A. Risk prediction models of breast cancer: a systematic review of model performances. *Breast Cancer Res Treat.* 2011 Nov 11.
- Praditsitthikorn N, Teerawattananon Y, Tantivess S, Limwattananon S, Riewpaiboon A, Chichareon S, leumwananonthachai N, Tangcharoensathien V. Economic evaluation of policy options for prevention and control of cervical cancer in Thailand. *Pharmacoeconomics.* 2011. Sep;29(9):781-806.
- Yamabhai I, Mohara A, Tantivess S, Chaisiri K, Teerawattananon Y. Government use licenses in Thailand: an assessment of the health and economic impacts. *Global Health.* 2011 Aug 14;7(1):28.
- Leelahavarong P, Teerawattananon Y, Werayingyong P, Akaleephan C, Preamsri N, Namwat C, Peerapatanapokin W, Tangcharoensathien V. Is a HIV vaccine a viable option and at what price? An economic evaluation of adding HIV vaccination into existing prevention programs in Thailand. *BMC Public Health.* 2011 Jul 5;11(1):534.
- Perez Velasco R, Teerawattananon Y. Is there a role for pharmacoeconomics in developing countries? *Pharmacoeconomics.* 2011. May 1;29(5):433-5.

- Youngkong S, Baltussen R, Tantivess S, Koolman X, Teerawattananon Y. Criteria for priority setting of HIV/AIDS interventions in Thailand: a discrete choice experiment. *BMC Health Serv Res.* 2010;10:197.
- Teerawattananon Y. Is it time to think seriously about making HTA available in settings where there is the most need? *ISPOR Connections.* 2010 May/June; 23.
- Yothasamut J, Putchong C, Sirisamutr T, Teerawattananon Y, Tantivess S. Scaling up cervical cancer screening in the midst of human papillomavirus vaccination advocacy in Thailand. *BMC Health Serv Res.* 2010;10 Suppl 1:S5.
- Thavorncharoensap M, Teerawattananon Y, Yothasamut J, Lertpitakpong C, Thitiboonsuwan K, Neramitpitagkul P, et al. The economic costs of alcohol consumption in Thailand, 2006. *BMC Public Health.* 2010;10:323.
- Pattanaphesaj J, Teerawattananon Y. Reviewing the evidence on effectiveness and cost-effectiveness of HIV prevention strategies in Thailand. *BMC Public Health.* 2010;10:401.
- Leelahavarong P, Chaikledkaew U, Hongeng S, Kasemsup V, Lubell Y, Teerawattananon Y. A cost-utility and budget impact analysis of allogeneic hematopoietic stem cell transplantation for severe thalassemic patients in Thailand. *BMC Health Serv Res.* 2010;10:209.
- Yothasamut J, Tantivess S, Teerawattananon Y. Using economic evaluation in policy decision-making in Asian countries: mission impossible or mission probable? *Value Health.* 2009 Nov-Dec;12 Suppl 3:S26-30.
- Thavorncharoensap M, Teerawattananon Y, Yothasamut J, Lertpitakpong C, Chaikledkaew U. The economic impact of alcohol consumption: a systematic review. *Subst Abuse Treat Prev Policy.* 2009;4:20.
- 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.
- Tantivess S, Teerawattananon Y, Mills A. Strengthening cost-effectiveness analysis in Thailand through the establishment of the health intervention and technology assessment program. *Pharmacoeconomics.* 2009;27(11):931-45.
- Rehm J, Mathers C, Popova S, Thavorncharoensap M, Teerawattananon Y, Patra J. Global burden of disease and injury and economic cost attributable to alcohol use and alcohol-use disorders. *Lancet.* 2009 Jun 27;373(9682):2223-33.
- Neramitpitagkul P, Lertpitakpong C, Yothasamut J, Thavorncharoensap M, Chaikledkaew U, Teerawattananon Y. Economic impact on health-care costs related to

major diseases including HIV/AIDS due to alcohol drinking among Thai populations. Value Health. 2009 Nov-Dec;12 Suppl 3:S97-S100.

- Teerawattananon Y, Leelukkanaveera Y, Thavorncharoensap M, Hanvoravongchai P, Ingsrisawang L, Tantivess S, Chaikledkaew U, Mohara A, Lertpiriyasuwat C, Pimsawan N. Provider initiated HIV/AIDS counselling and testing at health care facilities in Thailand: a cluster-randomisation trial. Journal of Development Effectiveness. 2009;1(4):450-469.
- Chaikledkaew U, Lertpitakpong C, Teerawattananon Y, Thavorncharoensap M, Tangcharoensathien V. The current capacity and future development of economic evaluation for policy decision-making: a survey among researchers and decision-makers in Thailand. Value Health. 2009 Nov-Dec;12 Suppl 3:S31-5.
- Teerawattananon Y, Thavorncharoensap M, Mohara A. Measurement of clinical effects. J Med Assoc Thai. 2008 Jun;91 Suppl 2:S38-42.
- Teerawattananon Y, Russell S. A difficult balancing act: policy actors' perspectives on using economic evaluation to inform health-care coverage decisions under the Universal Health Insurance Coverage scheme in Thailand. Value Health. 2008 Mar;11 Suppl 1:S52-60.
- Teerawattananon Y, Russell S. The greatest happiness of the greatest number? Policy actors' perspectives on the limits of economic evaluation as a tool for informing health care coverage decisions in Thailand. BMC Health Serv Res. 2008;8:197.
- Teerawattananon Y, Chaikledkaew U. Thai health technology assessment guideline development. J Med Assoc Thai. 2008 Jun;91 Suppl 2:S11-5.
- Tarn YH, Hu S, Kamae I, Yang BM, Li SC, Tangcharoensathien V, et al. Health-care systems and pharmaco-economic research in Asia-Pacific region. Value Health. 2008 Mar;11 Suppl 1:S137-55.
- Roungrong J, Teerawattananon Y, Chaikledkaew U. Cost-utility analysis of recombinant human erythropoietin in anemic cancer patients induced by chemotherapy in Thailand. J Med Assoc Thai. 2008 Jun;91 Suppl 2:S119-25.
- Maleewong U, Kulsomboon V, Teerawattananon Y. The cost-effectiveness analysis of initiating HIV/AIDS treatment with efavirenz-based regimens compared with nevirapine-based regimens in Thailand. J Med Assoc Thai. 2008 Jun;91 Suppl 2:S126-38.
- Lertpitakpong C, Chaikledkaew U, Thavorncharoensap M, Tantivess S, Praditsitthikorn N, Youngkong S, et al. A determination of topics for health technology assessment in Thailand: making decision makers involved. J Med Assoc Thai. 2008 Jun;91 Suppl 2:S100-9.

- Kapol N, Maitreemit P, Chalongsuk R, Amrumpai Y, Sribundit N, Thavorncharoensap M, et al. Making health technology assessment information available for decision making: the development of a Thai database. *J Med Assoc Thai.* 2008 Jun;91 Suppl 2:S8-10.
- Chaikledkaew U, Teerawattananon Y. Presentation of economic evaluation results. *J Med Assoc Thai.* 2008 Jun;91 Suppl 2:S66-73.
- Teerawattananon Y, Russell S, Mugford M. A systematic review of economic evaluation literature in Thailand: are the data good enough to be used by policy-makers? *Pharmacoeconomics.* 2007;25(6):467-79.
- Teerawattananon Y, Mugford M, Tangcharoensathien V. Economic evaluation of palliative management versus peritoneal dialysis and hemodialysis for end-stage renal disease: evidence for coverage decisions in Thailand. *Value Health.* 2007 Jan-Feb;10(1):61-72.
- Teerawattananon K, Iewsakul S, Yenjittr C, Ausayakhun S, Yenjittr W, Mugford M, et al. Economic evaluation of treatment administration strategies of ganciclovir for cytomegalovirus retinitis in HIV/AIDS patients in Thailand: a simulation study. *Pharmacoeconomics.* 2007;25(5):413-28.
- Teerawattananon Y, Hanshaoworakul W, Russell S, Tangcharoensathien V, Jiamton S. Targeting antiretroviral therapy: lessons from a longitudinal study of morbidity and treatment in relation to CD4 count in Thailand. *Asia Pac J Public Health.* 2006;18(1):39-48.
- Teerawattananon Y, Vos T, Tangcharoensathien V, Mugford M. Cost-effectiveness of models for prevention of vertical HIV transmission - voluntary counseling and testing and choices of drug regimen. *Cost Eff Resour Alloc.* 2005 Jul 18;3:7.
- Teerawattananon Y, Mugford M. Is it worth offering a routine laparoscopic cholecystectomy in developing countries? A Thailand case study. *Cost Eff Resour Alloc.* 2005 Oct 31;3:10.
- Teerawattananon Y, Tangcharoensathien V. Designing a reproductive health services package in the universal health insurance scheme in Thailand: match and mismatch of need, demand and supply. *Health Policy Plan.* 2004 Oct;19 Suppl 1:i31-i9.
- Teerawattananon Y, Tangcharoensathien V, Tantivess S, Mills A. Health sector regulation in Thailand: recent progress and the future agenda. *Health Policy.* 2003 Mar;63(3):323-38.
- Tangcharoensathien V, Tantivess S, Teerawattananon Y, Auamkul N, Jongudoumsuk P. Universal coverage and its impact on reproductive health services in Thailand.

Reprod Health Matters. 2002 Nov;10(20):59-69.

- Hanvoravongchai P, Letiendumrong J, Teerawattananon Y, Tangcharoensathien V. Implications of private practice in public hospitals on the cesarean rate in Thailand, Human Resources for Health Development Journal. 2000;4(1):2-12.