

Thunyarat Anothaisintawee, M.D., Ph.D.

Office: Department of Family Medicine, Faculty of Medicine, Ramathibodi Hospital, Mahidol
University, Bangkok, Thailand

Address: Department of Family Medicine, Ramathibodi Hospital, Rama VI Road, Rajthevee,
Bangkok, Thailand, 10400

Tel: 662 2011406

Fax: 662 2011486

Email: thunyarat.ano@mahidol.ac.th

Education

- Ph.D. of Clinical Epidemiology, Faculty of Medicine, Ramathibodi Hospital, Mahidol University, 2013
- Diploma, Thai Board of Family Medicine, Thai Medical Council, Bangkok, Thailand, 2004
- Doctor of Medicine with First Class Honors, Chulalongkorn University, 2000

Professional experience

- Faculty physician (Clinical Instructor) and head of research and epidemiology unit, Department of Family Medicine, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand, October 2004 – present
- Medical Staff, Lumpoon Hospital, Lumpoon Province, May 2000- April 2001

Publications in peer-reviewed journals

1. Utako P, Emyoo T, **Anothaisintawee T**, Yamashiki N, Thakkinstian A, Sobhonslidsuk A. Clinical Outcomes after Liver Transplantation for Hepatorenal Syndrome: A Systematic Review and Meta-Analysis. *Biomed Res Int*. 2018 May 24;2018:5362810.
2. Saetung S, Nimitphong H, Siwasaranond N, Sumritsopak R, Jindahra P, Krairit O, Thakkinstian A, **Anothaisintawee T**, Reutrakul S. The relationship between sleep and cognitive function in patients with prediabetes and type 2 diabetes. *Acta Diabetol*. 2018 Jun 6.
3. Rattanavipapong W, **Anothaisintawee T**, Teerawattananon Y. Revisiting policy on chronic HCV treatment under the Thai Universal Health Coverage: An economic evaluation and budget impact analysis. *PLoS One*. 2018 Feb 21;13(2):e0193112.
4. **Anothaisintawee T**, Lertrattananon D, Thamakaison S, Reutrakul S, Ongphiphadhanakul B, Thakkinstian A. Direct and Indirect Effects of Serum Uricm Acid on Blood Sugar Levels in Patients with Prediabetes: A Mediation Analysis. *J Diabetes Res*. 2017;2017:6830671.
5. Boonyathee S, Nagaviroj K, **Anothaisintawee T**. The Accuracy of the Edmonton Symptom Assessment System for the Assessment of Depression in Patients With Cancer: A Systematic Review and Meta-Analysis. *Am J Hosp Palliat Care*. 2018 Apr;35(4):731-739.
6. Reutrakul S, **Anothaisintawee T**, Herring SJ, Balsarak BI, Marc I, Thakkinstian A. Short sleep duration and hyperglycemia in pregnancy: Aggregate and individual patient data meta-analysis. *Sleep Med Rev*. 2018 Aug;40:31-42.
7. Sukhato K, Lotrakul M, Dellow A, Ittasakul P, Thakkinstian A, **Anothaisintawee T***. Efficacy of home-based non-pharmacological interventions for treating depression: a systematic review and network meta-analysis of randomised controlled trials. *BMJ Open*. 2017 Jul 12;7(7):e014499.
8. Reutrakul S, Sumritsopak R, Saetung S, Chanprasertyothin S, **Anothaisintawee T**.

- The relationship between sleep and glucagon-like peptide 1 in patients with abnormal glucose tolerance. *J Sleep Res.* 2017 Dec;26(6):756-763.
9. Junhasavasdikul D, Sukhato K, Srisangkaew S, Theera-Ampornpunt N, **Anothaisintawee T**, Dellow A; T-REX group. Cartoon versus traditional self-study handouts for medical students: CARTOON randomized controlled trial. *Med Teach.* 2017 Aug;39(8):836-843.
 10. **Anothaisintawee T**, Lertrattananon D, Thamakaison S, Knutson KL, Thakkinstian A, Reutrakul S. Later chronotype is associated with higher hemoglobin A1c in prediabetes patients. *Chronobiol Int.* 2017;34(3):393-402.
 11. Angkananard T, **Anothaisintawee T***, Eursiriwan S, Gorelik O, McEvoy M, Attia J, Thakkinstian A. The association of serum magnesium and mortality outcomes in heart failure patients: A systematic review and meta-analysis. *Medicine (Baltimore).* 2016 Dec;95(50):e5406. Review. PubMed PMID: 27977579; PubMed Central PMCID: PMC5268025.
 12. Lekhanont K, Jongkhajornpong P, **Anothaisintawee T**, Chuckpaiwong V. Undiluted Serum Eye Drops for the Treatment of Persistent Corneal Epithelial Defects. *Sci Rep.* 2016 Dec 2;6:38143.
 13. Sathornviriyapong A, Nagaviroj K, **Anothaisintawee T**. The association between different opioid doses and the survival of advanced cancer patients receiving palliative care. *BMC Palliat Care.* 2016 Nov 21;15(1):95. PubMed PMID: 27871265; PubMed Central PMCID: PMC5117570.
 14. Seangleulur A, Vanasbodeekul P, Prapaitrakool S, Worathongchai S, **Anothaisintawee T**, McEvoy M, Vendittoli PA, Attia J, Thakkinstian A. The efficacy of local infiltration analgesia in the early postoperative period after total knee arthroplasty: A systematic review and meta-analysis. *Eur J Anaesthesiol.* 2016 Nov;33(11):816-831. Review. PubMed PMID: 27428259.
 15. Reutrakul S, Thakkinstian A, **Anothaisintawee T**, Chontong S, Borel AL, Perfect MM, Janovsky CC, Kessler R, Schultes B, Harsch IA, van Dijk M, Bouhassira D,

- Matejko B, Lipton RB, Suwannalai P, Chirakalwasan N, Schober AK, Knutson KL. Sleep characteristics in type 1 diabetes and associations with glycemic control: systematic review and meta-analysis. *Sleep Med.* 2016 Jul;23:26-45.
16. **Anothaisintawee T**, Udomsubpayakul U, McEvoy M, Lerdsitthichai P, Attia J, Thakkinstian A. Effect of Lipophilic and Hydrophilic Statins on Breast Cancer Risk in Thai Women: A Cross-sectional Study. *J Cancer.* 2016 Jun 6;7(9):1163-8.
17. Nagaviroj K, **Anothaisintawee T**. A Study of the Association Between Multidisciplinary Home Care and Home Death Among Thai Palliative Care Patients. *Am J Hosp Palliat Care.* 2017 Jun;34(5):397-403.
18. Suwanthawornkul T, **Anothaisintawee T***, Sobhonslidsuk A, Thakkinstian A, Teerawattananon Y. Efficacy of Second Generation Direct-Acting Antiviral Agents for Treatment Naïve Hepatitis C Genotype 1: A Systematic Review and Network Meta-Analysis. *PLoS One.* 2015 Dec 31;10(12):e0145953.
19. **Anothaisintawee T**, Reutrakul S, Van Cauter E, Thakkinstian A. Sleep disturbances compared to traditional risk factors for diabetes development: Systematic review and meta-analysis. *Sleep Med Rev.* 2016 Dec;30:11-24.
20. Thakkinstian A, **Anothaisintawee T**, Chailurkit L, Ratanachaiwong W, Yamwong S, Sritara P, Ongphiphadhanakul B. Potential causal associations between vitamin D and uric acid: Bidirectional mediation analysis. *Sci Rep.* 2015 Sep 29;5:14528.
21. Sukhato K, Wongrathanandha C, Thakkinstian A, Dellow A, Horsuwansak P, **Anothaisintawee T***. Efficacy of additional psychosocial intervention in reducing low birth weight and preterm birth in teenage pregnancy: A systematic review and meta-analysis. *J Adolesc.* 2015 Oct;44:106-16.
22. Teerawattananon Y, **Anothaisintawee T**, Tantivess S, Wattanadilokkul U, Krajaesri P, Yotphumee S, Wongviseskarn J, Tonmukayakul U, Khampang R. EFFECTIVENESS OF DIAPERS AMONG PEOPLE WITH CHRONIC INCONTINENCE IN THAILAND. *Int J Technol Assess Health Care.* 2015 Jan;31(4):249-55.

23. Kongtharvonskul J, **Anothaisintawee T**, McEvoy M, Attia J, Woratanarat P, Thakkinstian A. Efficacy and safety of glucosamine, diacerein, and NSAIDs in osteoarthritis knee: a systematic review and network meta-analysis. *Eur J Med Res*. 2015 Mar 13;20:24.
24. **Anothaisintawee T**, Teerawattananon Y, Wiratkapun C, Srinakaran J, Woodtichartpreecha P, Hirunpat S, Wongwaisayawan S, Lertsithichai P, Kasamesup V, Thakkinstian A. Development and validation of a breast cancer risk prediction model for Thai women: a cross-sectional study. *Asian Pac J Cancer Prev*. 2014;15(16):6811-7. PubMed PMID: 25169530.
25. Sansanayudh N, **Anothaisintawee T***, Muntham D, McEvoy M, Attia J, Thakkinstian A. Mean platelet volume and coronary artery disease: a systematic review and meta-analysis. *Int J Cardiol*. 2014 Aug 20;175(3):433-40.
26. Chalkidou K, Marquez P, Dhillon PK, Teerawattananon Y, **Anothaisintawee T**, Gadelha CA, Sullivan R. Evidence-informed frameworks for cost-effective cancer care and prevention in low, middle, and high-income countries. *Lancet Oncol*. 2014 Mar;15(3):e119-31.
27. **Anothaisintawee T**, Wiratkapun C, Lerdsitthichai P, Kasamesup V, Wongwaisayawan S, Srinakaran 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 Sep;25(5):368-87.
28. **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. *Clinicoecon Outcomes Res*. 2012;4:361-74.
29. Rattanasiri S, McDaniel DO, McEvoy M, **Anothaisintawee T**, Sobhonslidsuk A, Attia J, Thakkinstian A. The association between cytokine gene polymorphisms and graft rejection in liver transplantation: a systematic review and meta-analysis. *Transpl Immunol*. 2013 Jan;28(1):62-70.

30. Thakkinstian A, Attia J, **Anothaisintawee T**, Nickel JC. α -blockers, antibiotics and anti-inflammatories have a role in the management of chronic prostatitis/chronic pelvic pain syndrome. *BJU Int.* 2012 Oct;110(7):1014-22.
31. **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.* 2012 May;133(1):1-10.
32. **Anothaisintawee T**, Attia J, Nickel JC, Thammakraisorn S, Numthavaj P, McEvoy M, Thakkinstian A. Management of chronic prostatitis/chronic pelvic pain syndrome: a systematic review and network meta-analysis. *JAMA.* 2011 Jan 5;305(1):78-86.
33. **Anothaisintawee T**, Rattanasiri S, Ingsathit A, Attia J, Thakkinstian A. Prevalence of chronic kidney disease: a systematic review and meta-analysis. *Clin Nephrol.* 2009 Mar;71(3):244-54. Review. PubMed PMID: 19281734.

*Corresponding author