

## CURRICULUM VITAE

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### Academic Qualifications:

1988 B.Sc.(Nursing), School of Nursing, Faculty of Medicine Ramathibodi  
Hospital Mahidol University Bangkok Thailand

1993 M.Sc. (Biostatistics) Department of Biostatistics, Faculty of Public  
Health, Mahidol University Bangkok Thailand

1998 Master of Medical Statistics, Centre for Clinical Epidemiology and  
Biostatistics, Faculty of Medicine and Health Sciences,  
The University of Newcastle, Newcastle, NSW, AU

2000-2004 Ph.D. in Community Medicine and Clinical Epidemiology,  
Centre for Clinical Epidemiology and Biostatistics, School of  
Medicine and Health Sciences The University of Newcastle, Newcastle,  
NSW, AU

### **Current & previous positions**

- 2007-Present            Lecturer in Biostatistics, Section of Clinical Epidemiology & Biostatistics, Research Centre, Faculty of Medicine, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand
- 2005-2006            Postdoctoral research fellow, Centre for Clinical Epidemiology and Biostatistics, School of Medicine and Public Health, The University of Newcastle, AU
- 2002                    Part time lecturer in Biostatistics, Centre for Clinical Epidemiology and Biostatistics, The University of Newcastle, AU

### **Teaching experience**

- 1995-present            Various courses in basic and advanced statistics, regression analysis, survival analysis and meta-analysis for PhD students, fellows, medical students, and registrars, Ramathibodi Hospital, Bangkok, Thailand
- 2005                    Short data analysis for Master's program, CCEB, University of Newcastle
- 2006                    Workplace project portfolio course for Biostatistics collaboration of Australia, CCEB, University of Newcastle
- 2005-2006            Supervisor and co-supervisor for various Master's and PhD students, CCEB, University of Newcastle

### **Award**

- 2016                    Researcher with highest number of publications from 2014 to 2015 in International Journals from Mahidol University

## Publications (2005-2018)

1. Woratanarat P, Lorungroj K, Dechosilpa C, Jaovisidha S, Danpakdeekul N, Woratanarat T, **Thakkinstian A**. Height-Width Ratio of Proximal Femoral Epiphysis: Estimation of Lateral Pillar Involvement in Bilateral Perthes Disease. *J Pediatr Orthop*. 2018 Nov/Dec;38(10):e577-e583.
2. Udayachalerm S, Rattanasiri S, Angkananard T, Attia J, Sansanayudh N, **Thakkinstian A**. The Reversal of Bleeding Caused by New Oral Anticoagulants (NOACs): A Systematic Review and Meta-Analysis. *Clin Appl Thromb Hemost*. 2018 Sep 3:1076029618796339.
3. Anothaisintawee T, Lertrattananon D, Thamakaison S, **Thakkinstian A**, Reutrakul S. The Relationship Among Morningness-Eveningness, Sleep Duration, Social Jetlag, and Body Mass Index in Asian Patients With Prediabetes. *Front Endocrinol (Lausanne)*. 2018 Aug 15;9:435.
4. 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.
5. Noorit P, Siribumrungwong B, **Thakkinstian A\***. Clinical prediction score for superficial surgical site infection after appendectomy in adults with complicated appendicitis. *World J Emerg Surg*. 2018 Jun 18;13:23.
6. Vutthikraivit W, Rattanawong P, Putthapiban P, Sukhumthammarat W, Vathesatogkit P, Ngarmukos T, **Thakkinstian A**. Worldwide Prevalence of Brugada Syndrome: A Systematic Review and Meta-Analysis. *Acta Cardiol Sin*. 2018 May;34(3):267-277.
7. Pattanapruteep O, Ingsathit A, McEvoy M, Attia J, **Thakkinstian A**. Cost-Effectiveness Analysis of Renin-Angiotensin Aldosterone System Blockade in Progression of Chronic Kidney Disease. *Value Health Reg Issues*. 2018 May;15:155-160.
8. Siwasaranond N, Nimitphong H, Manodpitipong A, Saetung S, Chirakalwasan N, **Thakkinstian A**, Reutrakul S. The Relationship between Diabetes-Related Complications and Obstructive Sleep Apnea in Type 2 Diabetes. *J Diabetes Res*. 2018 Mar 7;2018:9269170.
9. 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 Sep;55(9):917-925.
10. Nimitphong H, Siwasaranond N, Saetung S, **Thakkestian A**, Ongphiphadhanakul B, Reutrakul S. The relationship among breakfast time, morningness-eveningness preference and body mass index in Type 2 diabetes. *Diabet Med*. 2018 Jul;35(7):964-971.
  11. Charakorn C, Thadanipon K, Chaijindaratana S, Rattanasiri S, Numthavaj P, **Thakkestian A**. The association between serum squamous cell carcinoma antigen and recurrence and survival of patients with cervical squamous cell carcinoma: A systematic review and meta-analysis. *Gynecol Oncol*. 2018 Jul;150(1):190-200.
  12. Chirakalwasan N, Amnakkittikul S, Wanitcharoenkul E, Charoensri S, Saetung S, Chanprasertyothin S, Chailurkit LO, Panburana P, Bumrungphuet S, **Thakkestian A**, Reutrakul S. Continuous Positive Airway Pressure Therapy in Gestational Diabetes With Obstructive Sleep Apnea: A Randomized Controlled Trial. *J Clin Sleep Med*. 2018 Mar 15;14(3):327-336.
  13. Anothaisintawee T, Lertrattananon D, Thamakaison S, Reutrakul S, Ongphiphadhanakul B, **Thakkestian A**. Direct and Indirect Effects of Serum Uric Acid on Blood Sugar Levels in Patients with Prediabetes: A Mediation Analysis. *J Diabetes Res*. 2017;2017:6830671.
  14. Vejakama P, Ingsathit A, McKay GJ, Maxwell AP, McEvoy M, Attia J, **Thakkestian A**. Treatment effects of renin-angiotensin aldosterone system blockade on kidney failure and mortality in chronic kidney disease patients. *BMC Nephrol*. 2017 Nov 29;18(1):342.
  15. Wilarusmee C, Siribumrungwong B, Phuwapraisirisan S, Poprom N, Woratanarat P, Lertsithichai P, Attia J, **Thakkestian A\***. Developing and validating of Ramathibodi Appendicitis Score (RAMA-AS) for diagnosis of appendicitis in suspected appendicitis patients. *World J Emerg Surg*. 2017 Nov 9;12:49.
  16. Reutrakul S, Anothaisintawee T, Herring SJ, Balsarak BI, Marc I, **Thakkestian A**. Short sleep duration and hyperglycemia in pregnancy: Aggregate and individual patient data meta-analysis. *Sleep Med Rev*. 2018 Aug;40:31-42.
  17. Khaing W, Vallibhakara SA, Tantrakul V, Vallibhakara O, Rattanasiri S, McEvoy M, Attia J, **Thakkestian A**. Calcium and Vitamin D Supplementation for Prevention of Preeclampsia: A Systematic Review and Network Meta-Analysis. *Nutrients*. 2017 Oct 18;9(10). pii:E1141.
  18. Jinatongthai P, Kongwatcharapong J, Foo CY, Phrommintikul A, Nathisuwan S, **Thakkestian A**, Reid CM, Chaiyakunapruk N. Comparative efficacy and safety of

- reperfusion therapy with fibrinolytic agents in patients with ST-segment elevation myocardial infarction: a systematic review and network meta-analysis. *Lancet*. 2017 Aug 19;390(10096):747-759.
19. Siribumrungwong B, Chantip A, Noorit P, Wilasrusmee C, Ungpinitpong W, Chotiya P, Leerapan B, Woratanarat P, McEvoy M, Attia J, **Thakkinstian A\***. Comparison of Superficial Surgical Site Infection Between Delayed Primary Versus Primary Wound Closure in Complicated Appendicitis: A Randomized Controlled Trial. *Ann Surg*. 2018 Apr;267(4):631-637.
20. 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.
21. Pattanapratchee O, McEvoy M, Attia J, **Thakkinstian A**. Evaluation of rational nonsteroidal anti-inflammatory drugs and gastro-protective agents use; association rule data mining using outpatient prescription patterns. *BMC Med Inform Decis Mak*. 2017 Jul 4;17(1):96.
22. Vejakama P, Ingsathit A, McEvoy M, Attia J, **Thakkinstian A**. Progression of chronic kidney disease: an illness-death model approach. *BMC Nephrol*. 2017 Jun 30;18(1):205.
23. Kitiyakara T, Redmond S, Unwanatham N, Rattanasiri S, **Thakkinstian A**, Tangtawee P, Mingphruedhi S, Sobhonslidsuk A, Intaraprasong P, Kositchaiwat C. The detection of hepatocellular carcinoma (HCC) from patients' breath using canine scent detection: a proof-of-concept study. *J Breath Res*. 2017 Sep 13;11(4):046002.
24. Lertpimonchai A, Rattanasiri S, Arj-Ong Vallibhakara S, Attia J, **Thakkinstian A**. The association between oral hygiene and periodontitis: a systematic review and meta-analysis. *Int Dent J*. 2017 Dec;67(6):332-343.
25. Boongird C, Keesukphan P, Phiphadthakusolkul S, Rattanasiri S, **Thakkinstian A**. Effects of a simple home-based exercise program on fall prevention in older adults: A 12-month primary care setting, randomized controlled trial. *Geriatr Gerontol Int*. 2017 Nov;17(11):2157-2163.
26. Khaing W, Vallibhakara SA, Attia J, McEvoy M, **Thakkinstian A\***. Effects of education and income on cardiovascular outcomes: A systematic review and meta-analysis. *Eur J Prev Cardiol*. 2017 Jul;24(10):1032-1042.

27. Wilasrusmee C, Siribumrungwong B, Horsirimanont S, Poprom N, Jirasiritham J, **Thakkinstian A**. Clinical results of biologic prosthesis: A systematic review and meta-analysis of comparative studies. *Ann Med Surg (Lond)*. 2017 Jan 25;15:26-33.
28. 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.
29. Reutrakul S, Siwasaranond N, Nimitphong H, Saetung S, Chirakalwasan N, Chailurkit LO, Srijaruskul K, Ongphiphadhanakul B, **Thakkinstian A**. Associations between nocturnal urinary 6-sulfatoxymelatonin, obstructive sleep apnea severity and glycemic control in type 2 diabetes. *Chronobiol Int*. 2017;34(3):382-392.
30. Boonchan T, Wilasrusmee C, McEvoy M, Attia J, **Thakkinstian A\***. Network meta-analysis of antibiotic prophylaxis for prevention of surgical-site infection after groin hernia surgery. *Br J Surg*. 2017 Jan;104(2):e106-e117.
31. Tantrakul V, Numthavaj P, Guilleminault C, McEvoy M, Panburana P, Khaing W, Attia J, **Thakkinstian A**. Performance of screening questionnaires for obstructive sleep apnea during pregnancy: A systematic review and meta-analysis. *Sleep Med Rev*. 2017 Dec;36:96-106.
32. 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.
33. Sritara C, **Thakkinstian A**, Ongphiphadhanakul B, Amnuaywattakorn S, Utamakul C, Akrawichien T, Vathesatogkit P, Sritara P. Age-Adjusted Dual X-ray Absorptiometry-Derived Trabecular Bone Score Curve for the Lumbar Spine in Thai Females and Males. *J Clin Densitom*. 2016 Oct;19(4):494-501.
34. 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.
35. Kongtharvonskul J, Woratanarat P, McEvoy M, Attia J, Wongsak S, Kawinwonggowit V, **Thakkinstian A**. Efficacy of glucosamine plus diacerein versus monotherapy of

- glucosamine: a double-blind, parallel randomized clinical trial. *Arthritis Res Ther*. 2016 Oct 12;18(1):233.
36. 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.
37. Numthavaj P, Bhongmakapat T, Roongpuwabaht B, Ingsathit A, **Thakkinstian A**. The validity and reliability of Thai Sinonasal Outcome Test-22. *Eur Arch Otorhinolaryngol*. 2017 Jan;274(1):289-295.
38. Sirisopha A, Vanavanan S, Chittamma A, Phakdeekitcharoen B, **Thakkinstian A**, Lertrit A, Sathirapongsasuti N, Kitiyakara C. Effects of Therapy on Urine Neutrophil Gelatinase-Associated Lipocalin in Nondiabetic Glomerular Diseases with Proteinuria. *Int J Nephrol*. 2016;2016: 4904502.
39. Sawangjit R, Chongmelaxme B, Phisalprapa P, Saokaew S, **Thakkinstian A**, Kowdley KV, Chaiyakunapruk N. Comparative efficacy of interventions on nonalcoholic fatty liver disease (NAFLD): A PRISMA-compliant systematic review and network meta-analysis. *Medicine (Baltimore)*. 2016 Aug;95(32):e4529.
40. Wattanawong K, Rattanasiri S, McEvoy M, Attia J, **Thakkinstian A**. Association between IRF6 and 8q24 polymorphisms and nonsyndromic cleft lip with or without cleft palate: Systematic review and meta-analysis. *Birth Defects Res A Clin Mol Teratol*. 2016 Sep;106(9):773-88.
41. Somboonporn C, Mangklabruks A, **Thakkinstian A**, Vatanasapt P, Nakaphun S. Clinical Prognostic Score for Predicting Disease Remission with Differentiated Thyroid Cancers. *Asian Pac J Cancer Prev*. 2016;17(6):2805-10.
42. 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.
43. Wongprikorn A, Sukasem C, Puangpetch A, Numthavej P, **Thakkinstian A**, Kiertiburanakul S. Effects of Pitavastatin on Lipid Profiles in HIV-Infected Patients with Dyslipidemia and Receiving Atazanavir/Ritonavir: A Randomized, Double-Blind, Crossover Study. *PLoS One*. 2016 Jun 15;11(6):e0157531.

44. Sansanayudh N, **Thakkinstian A**. Author's Reply: Mean Platelet Volume and Cardiovascular Risk Factors. *Eur J Intern Med*. 2016 Jun;31:e16-7.
45. Pongpit J, Porntharukchareon S, Kaewduang P, Promson K, Stitchantrakul W, Petraksa S, **Thakkinstian A**, Kositchaiwat C, Rajatanavin N, Sobhonslidsuk A. Liver Stiffness Measurement in Psoriasis: Do Metabolic or Disease Factors Play the Important Role? *Biomed Res Int*. 2016;2016: 7963972.
46. Pornsuriyasak P, Kawamatawong T, Rattanasiri S, Tantrakul V, Pongmesa T, Birring SS, **Thakkinstian A**. Validity and reliability of the Thai version of the leicester cough questionnaire in chronic cough. *Asian Pac J Allergy Immunol*. 2016 Sep;34(3):212-216.
47. Sansanayudh N, Muntham D, Yamwong S, Sritara P, Akrawichien T, **Thakkinstian A**. The association between mean platelet volume and cardiovascular risk factors. *Eur J Intern Med*. 2016 May;30:37-42.
48. 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.
49. 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.
50. Siribumrungwong B, Noorit P, Wilasrusmee C, Teerawattananon Y, **Thakkinstian A**. Quality of life after great saphenous vein ablation in Thai patients with great saphenous vein reflux. *Asian J Surg*. 2017 Jul;40(4):295-300.
51. Reutrakul S, Siwasaranond N, Nimitphong H, Saetung S, Chirakalwasan N, Ongphiphadhanakul B, **Thakkinstian A**, Hood MM, Crowley SJ. Relationships among sleep timing, sleep duration and glycemic control in Type 2 diabetes in Thailand. *Chronobiol Int*. 2015;32(10):1469-76.
52. **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.
53. Luangchosiri C, **Thakkinstian A**, Chitphuk S, Stitchantrakul W, Petraksa S, Sobhonslidsuk A. A double-blinded randomized controlled trial of silymarin for the prevention of



- antituberculosis drug-induced liver injury. *BMC Complement Altern Med*. 2015 Sep 23;15:334.
54. Siribumrungwong B, Noorit P, Wilasrusmee C, Leelahavarong P, **Thakkinstian A**, Teerawattananon Y. Cost-utility analysis of great saphenous vein ablation with radiofrequency, foam and surgery in the emerging health-care setting of Thailand. *Phlebology*. 2016 Sep;31(8): 573-81.
55. ukhato 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.
56. Sansanayudh N, Numthavaj P, Muntham D, Yamwong S, McEvoy M, Attia J, Sritara P, **Thakkinstian A**. Prognostic effect of mean platelet volume in patients with coronary artery disease. A systematic review and meta-analysis. *Thromb Haemost*. 2015 Nov 25;114(6): 1299-309.
57. 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.
58. Sobhonslidsuk A, **Thakkinstian A**, Satitpornkul P. Health-related quality of life and happiness within an internal medicine residency training program: a longitudinal follow-up study. *J Educ Eval Health Prof*. 2015 Feb 25;12:3.
59. Vejakama P, Ingsathit A, Attia J, **Thakkinstian A**. Epidemiological study of chronic kidney disease progression: a large-scale population-based cohort study. *Medicine (Baltimore)*. 2015 Jan;94(4): e475.
60. Rahimi BA, **Thakkinstian A**, White NJ, Sirivichayakul C, Dondorp AM, Chokeyjindachai W. Severe vivax malaria: a systematic review and meta-analysis of clinical studies since 1900. *Malar J*. 2014 Dec 8;13:481.
61. Sritara C, **Thakkinstian A\***, Ongphiphadhanakul B. Relationship between fetuin-A levels and bone mineral density: response to Agilli et al. *Osteoporos Int*. 2015 Feb;26(2):841-2.
62. Siribumrungwong B, Noorit P, Wilasrusmee C, **Thakkinstian A\***. A systematic review and meta-analysis of randomised controlled trials of delayed primary wound closure in contaminated abdominal wounds. *World J Emerg Surg*. 2014 Sep 6;9(1):49.

63. Anothaisintawee T, Teerawattananon Y, Wiratkapun C, Srinakarin 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.
64. Atiksawedparit P, Rattanasiri S, McEvoy M, Graham CA, Sittichanbuncha Y, **Thakkinstian A**. Effects of prehospital adrenaline administration on out-of-hospital cardiac arrest outcomes: a systematic review and meta-analysis. *Crit Care*. 2014 Jul 31;18(4):463.
65. 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.
66. Pulkes T, Choubtum L, Chitphuk S, **Thakkinstian A**, Pongpakdee S, Kulkantrakorn K, Hanchaiphiboolkul S, Tiamkao S, Boonkongchuen P. Glucocerebrosidase mutations in Thai patients with Parkinson's disease. *Parkinsonism Relat Disord*. 2014 Sep;20(9):986-91.
67. Pulkes T, Papsing C, **Thakkinstian A**, Pongpakdee S, Kulkantrakorn K, Hanchaiphiboolkul S, Tiamkao S, Boonkongchuen P. Confirmation of the association between LRRK2 R1628P variant and susceptibility to Parkinson's disease in the Thai population. *Parkinsonism Relat Disord*. 2014 Sep;20(9):1018-21.
68. Sritara C, **Thakkinstian A**, Ongphiphadhanakul B, Pornsuriyasak P, Warodomwichit D, Akrawichien T, Vathesatogkit P, Sritara P. Work- and travel-related physical activity and alcohol consumption: relationship with bone mineral density and calcaneal quantitative ultrasonometry. *J Clin Densitom*. 2015 Jan-Mar;18(1):37-43.
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70. **Thakkinstian A**, McKay GJ, Silvestri J, Chakravarthy U, Attia J. Five authors reply. *Am J Epidemiol*. 2013 May 1;177(9):1024-5.
71. Vallipakorn SA, Plitapolkarnpim A, Suriyawongpaisal P, Techakamolsuk P, Smith GA, **Thakkinstian A\***. Risk prediction score for death of traumatised and injured children. *BMC Pediatr*. 2014 Feb 28;14:60.

72. Sritara C, **Thakkestian A\***, Ongphiphadhanakul B, Chailurkit L, Chanprasertyothin S, Ratanachaiwong W, Vathesatogkit P, Sritara P. Causal relationship between the AHSG gene and BMD through fetuin-A and BMI: multiple mediation analysis. *Osteoporos Int.* 2014 May;25(5):1555-62.
73. Wilasrusmee C, Marjareonrungrung M, Eamkong S, Attia J, Poprom N, Jirasisrithum S, **Thakkestian A\***. Maggot therapy for chronic ulcer: a retrospective cohort and a meta-analysis. *Asian J Surg.* 2014 Jul;37(3):138-47.
74. Siribumrungwong B, Srikuea K, **Thakkestian A\***. Comparison of superficial surgical site infection between delayed primary and primary wound closures in ruptured appendicitis. *Asian J Surg.* 2014 Jul;37(3):120-4.
75. Suriyawongpaisa P, **Thakkestian A\***, Rangpueng A, Jiwattanakulpaisarn P, Techakamolsuk P. Disparity in motorcycle helmet use in Thailand. *Int J Equity Health.* 2013 Aug 30;12:74.
76. Yongcharoen S, Rattanasiri S, McDaniel DO, McEvoy M, Viwatwongkaseam C, Rojanavipart P, **Thakkestian A**. Meta-analysis of cytokine gene polymorphisms and outcome of heart transplantation. *Biomed Res Int.* 2013;2013:387184.
77. Sukrat B, Wilasrusmee C, Siribumrungwong B, McEvoy M, Okascharoen C, Attia J, **Thakkestian A\***. Hemoglobin concentration and pregnancy outcomes: a systematic review and meta-analysis. *Biomed Res Int.* 2013;2013:769057.
78. Woratanarat P, Thaveeratitharm C, Woratanarat T, Angsanuntsukh C, Attia J, **Thakkestian A**. Meta-analysis of hypercoagulability genetic polymorphisms in Perthes disease. *J Orthop Res.* 2014 Jan;32(1):1-7.
79. **Thakkestian A**, Chailurkit L, Warodomwicht D, Ratanachaiwong W, Yamwong S, Chanprasertyothin S, Attia J, Sritara P, Ongphiphadhanakul B. Causal relationship between body mass index and fetuin-A level in the asian population: a bidirectional Mendelian randomization study. *Clin Endocrinol (Oxf).* 2014 Aug;81(2):197-203.
80. **Thakkestian A**, Nickel JC. Efficacy of intravesical chondroitin sulphate in treatment of interstitial cystitis/bladder pain syndrome (IC/BPS): Individual patient data (IPD) meta-analytical approach. *Can Urol Assoc J.* 2013 May-Jun;7(5-6):195-200.
81. 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.
82. Rajatanavin R, Chailurkit L, Saetung S, **Thakkinstian A**, Nimitphong H. The efficacy of calcium supplementation alone in elderly Thai women over a 2-year period: a randomized controlled trial. *Osteoporos Int*. 2013 Nov;24(11):2871-7.
83. Numthavaj P, Tanjararak K, Roongpuvapaht B, McEvoy M, Attia J, **Thakkinstian A\***. Efficacy of Mitomycin C for postoperative endoscopic sinus surgery: a systematic review and meta-analysis. *Clin Otolaryngol*. 2013 Jun;38(3):198-207.
84. Ingsathit A, Kamanamool N, **Thakkinstian A**, Sumethkul V. Survival advantage of kidney transplantation over dialysis in patients with hepatitis C: a systematic review and meta-analysis. *Transplantation*. 2013 Apr 15;95(7):943-8.
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