

CURRICULUM VITAE

Sasivimol Rattanasiri

Work Address: Department of Clinical Epidemiology and Biostatistics
Faculty of Medicine Ramathibodi Hospital,
Mahidol University 270 RAMA VI Road. Rachathevi,
Bangkok 10400, Thailand.

Position: Associate Professor

Work Telephone Number: 6622012808

Gender: Female

Citizenship: Thai

Electronic Mail: sasivimol.rat@mahidol.edu

Academic Qualifications

1991-1994 Bachelor of Science (Biology), Srinakharinwirot University.

1997-2001 Master of Science (Biostatistics), Mahidol University.

2003-2006 Ph.D in rerum medicarum (Medical statistics), Charité University
Berlin, Germany

Current & previous positions

1999-2001 Assistant researcher, Department of Biostatistics, Faculty of Public Health,
Mahidol University (Joint research project of the Free University Berlin with
Mahidol University).

2001-2007 Biostatistician Clinical Epidemiology Unit, Faculty of Medicine,
Ramathibodi Hospital, Mahidol University.

2007-present Lecturer in Biostatistics Section for Clinical Epidemiology and
Biostatistics Faculty of Medicine, Ramathibodi Hospital.

Publications (2005 - Present)

1. Poprom N, Pattanapratchep O, Wilasrusmee C, **Rattanasiri S**, McKay GJ, Attia J, Thakkestian A. Cost utility analysis of antibiotics compared with operative treatment in uncomplicated acute appendicitis. Sci Rep. 2025 Apr 29;15(1):14963.

2. Sinitkul R, Aonnuam C, **Rattanasiri S**, Manuyakorn W, Preutthipan A, Kamalaporn H. Knowledge, awareness, and practice (KAP) of Thai paediatricians in their child advocacy role regarding the health effects of particulate matter on children. *Environmental Advances*. Volume 19, April 2025, 100605.
3. Limotai C, Jirasakuldej S, Wongwiangiunt S, Tumnark T, Suwanpakdee P, Wangponpattanasiri K, Rakchue P, Tungkasereerak C, Pleumpanupatand P, Tansuhaj P, Ekkachon P, Kittipanprayoon S, Kerddonfag A, Pobsuk T, Pattanateepapon A, Phanthumchinda K, Suwanwela NC, Thaipsisuttikul I, Boonyapisit K, Ingsathit A, Pattanapruteep O, Attia J, McKay GJ, Rossetti AO, Thakkinstantian A, Rukrung C, Kangsanant P, Mokkaew J, Phayaph N, Pukpraman S, Ritthathon W, Jarungjitapinan Y, Pinpradab J, Khamhoi N, Nookaew M, Chauywang P, Rojdmapiyakorn P, Sribussara P, Tinroongroj W, Teeratantikanon W, Chongsuvivatwong T, Viratyaporn W, Jantararotai W, Panyawattanakit K, Rujirarongrueng N, Damthong P, Udom P, Siengsuwan M, Phonprasori P, Wanmuang K, Unwanatham N, **Rattanasiri S**, Thadanipon K, Noivong P, Pitipanyakul S, Rattanachaisit W, Muangthong W, Wittayawisawasakul R, Deerassamee S, Ruayruen W, Homgrunjarut S, Deerassamee S, Ledprased Y, Pankong M, Rattanayuvakorn P. Efficacy of delivery of care with Tele-continuous EEG in critically ill patients: a multicenter randomized controlled trial (Tele- cRCT study) study. *Crit Care*. 2025 Jan 7;29(1):15.
4. Jongkhajornpong P, Lekhanont K, **Rattanasiri S**, Pisitkun P, Thakkinstantian A. Comparison of Corneal Epitheliotropic Factors of Undiluted Autologous Platelet-Rich Plasma and Autologous Serum Eye Drops for Dry Eye Disease. *Ophthalmol Ther*. 2025 Feb;14(2):363-377
5. Mullikapipat T, Dumrongwongsuwini N, Vallibhakara O, **Rattanasiri S**, Vallibhakara SA, Wajanavisit W, Ongphiphadhanakul B, Nimitphong H. Simple prediction model for vitamin D deficiency in women with osteoporosis or risk factors for osteoporosis in Thailand. *J Clin Transl Endocrinol*. 2024 Nov 22;38:100377.
6. Jongkhajornpong P, Lekhanont K, **Rattanasiri S**, Numthavaj P, McKay G, Attia J, Thakkinstantian A. Efficacy of 100% autologous platelet-rich plasma and 100% autologous serum in dry eye disease: a randomised controlled trial. *BMJ Open*

- Ophthalmol. 2024 Oct 8;9(1):e001857.
7. Kamolvisit S, Limsrivilai J, Mekaroonkamol P, Chantarojanasiri T, Chalernsuksant N, Harinwan K, Rattananukrom C, Wong T, Pittayanon R, Sattayalertyanyong O, Sathirawich P, Kaosombatwattana U, Pulsombat A, Kamalaporn P, Sottisuporn J, Pausawasdi N, **Rattanasiri S**, Kitiyakara T. Validation and efficacy of the Varix Trainer model as a Training device for esophagogastroduodenoscopy. *Endosc Int Open*. 2024 Sep 12;12(9):E1043-E1055.
 8. Saiyalam C, Shantavasinkul PC, Chirnakorn S, Rattanakaemakorn P, Taonam N, Rodphech V, Putadechakum S, **Rattanasiri S**, Sirivarasai J, Ongphiphadhanakul B, Sumritpradit P. Effects of Very Low-Calorie Diet versus Roux-en-Y Gastric Bypass Surgery on Body Composition in Patients with Obesity. *Nutrients*. 2024 Jul 25;16(15):2407.
 9. Suraarunsumrit P, Srinonprasert V, Kongmalai T, Suratewat S, Chaikledkaew U, **Rattanasiri S**, McKay G, Attia J, Thakkestian A. Outcomes associated with postoperative cognitive dysfunction: a systematic review and meta-analysis. *Age Ageing*. 2024 Jul 2;53(7):afae160. doi: 10.1093/ageing/afae160. Erratum in: *Age Ageing*. 2024 Aug 6;53(8):afae198.
 10. Limpjankit T, Jongjirasiri S, Meemook K, Unwanatham N, **Rattanasiri S**, Thakkestian A, Laothamatas J. Impact of coronary CT angiography in selection of treatment modalities and subsequent cardiovascular events in Thai patients with stable CAD. *Clin Res Cardiol*. 2024 Mar;113(3):433-445.
 11. Khemtong A, Shantavasinkul PC, Boonchaya-Anant P, **Rattanasiri S**, Treeprasertsuk S, Udomsawaengsup S. Effect of Preoperative Very Low-Calorie Diets on Hepatic Steatosis, Fibrosis, and Perioperative Outcomes of Bariatric Surgery. *J Laparoendosc Adv Surg Tech A*. 2024 Mar;34(3):219-226.
 12. Nitiwarangkul L, Hongku N, Pattanapruteep O, **Rattanasiri S**, Woratanarat P, Thakkestian A. Which approach of total hip arthroplasty is the best efficacy and least complication? *World J Orthop*. 2024 Jan 18;15(1):73-93.
 13. Sirisreetreerux P, Poprom N, Numthavaj P, **Rattanasiri S**, Thakkestian A. Efficacy of Treatment for Metastatic Hormone-Sensitive Prostate Cancer: An Umbrella Review of Systematic Reviews and Meta-Analyses. *Cancers (Basel)*. 2023 Dec 6;15(24):5714.

14. Limpijankit T, Jongjirasiri S, Meemook K, Unwanatham N, **Rattanasiri S**, Thakkinstian A, Laothamatas J. Impact of coronary CT angiography in selection of treatment modalities and subsequent cardiovascular events in Thai patients with stable CAD. *Clin Res Cardiol*. 2023 Oct 4.
15. Lertudomphonwanit T, Somboonprasert C, Lilakhunakon K, Jaovisidha S, Ruangchaijatuporn T, Fuangfa P, **Rattanasiri S**, Watcharananan S, Chanplakorn P. A clinical prediction model to differentiate tuberculous spondylodiscitis from pyogenic spontaneous spondylodiscitis. *PLoS One*. 2023 Aug 18;18(8):e0290361.
16. Tantrakul V, Ingsathit A, Liamsombut S, **Rattanasiri S**, Kittivoravitkul P, Imsom-Somboon N, Lertpongpiroon S, Jantarasaengaram S, Somchit W, Suwansathit W, Pengjam J, Siriyotha S, Panburana P, Guilleminault C, Preutthipan A, Attia J, Thakkinstian A. Treatment of obstructive sleep apnea in high risk pregnancy: a multicenter randomized controlled trial. *Respir Res*. 2023 Jun 27;24(1):171.
17. Wilaiwongsathien K, Wattanasirichaigoon D, **Rattanasiri S**, Annuam C, Tangshewinsirikul C, Tim-Aroon T. Parental Awareness, Knowledge, and Attitudes Regarding Current and Future Newborn Bloodspot Screening: The First Report from Thailand. *Int J Neonatal Screen*. 2023 May 3;9(2):25.
18. Leosuthamas D, Limotai C, Unwanatham N, **Rattanasiri S**. Is anti-seizure medication the culprit of SUDEP? *Neurol Sci*. 2023 May 30.
19. Laohajaroensombat S, Prusmetikul S, Rattanasiri S, Thakkinstian A, Woratanarat P. Platelet-rich plasma injection for the treatment of ankle osteoarthritis: a systematic review and meta-analysis. *J Orthop Surg Res*. 2023 May 19;18(1):373.
20. Oranratnachai S, **Rattanasiri S**, Sirachainan E, Tansawet A, Raunroadroong N, McKay GJ, Attia J, Thakkinstian A. Treatment outcomes of advanced hepatocellular carcinoma in real-life practice: Chemotherapy versus multikinase inhibitors. *Cancer Med*. 2023 Feb;12(3):3046-3053.
21. Duong KNC, Tan CJ, **Rattanasiri S**, Thakkinstian A, Anothaisintawee T, Chaiyakunapruk N. Comparison of diagnostic accuracy for diabetes diagnosis: A systematic review and network meta-analysis. *Front Med (Lausanne)*. 2023 Jan 24;10:1016381.
22. Lertpimonchai A, Tuntrakul S, **Rattanasiri S**, Sutthiboonyapan P, Vathesatogkit P, Udomsak A, Tavedhikul K. Validity of Simple Self-Reported Periodontal Status Questions. *Int Dent J*. 2023 Feb;73(1):121-127.

23. Patathong T, Klaewkasikum K, Woratanarat P, **Rattanasiri S**, Anothaisintawee T, Woratanarat T, Thakkestian A. The efficacy of gait rehabilitations for the treatment of incomplete spinal cord injury: a systematic review and network meta-analysis. *J Orthop Surg Res*. 2023 Jan 23;18(1):60.
24. Klaewkasikum K, Patathong T, Woratanarat P, Woratanarat T, Thadanipon K, **Rattanasiri S**, Thakkestian A. Efficacy of conservative treatment for spastic cerebral palsy children with equinus gait: a systematic review and meta-analysis. *J Orthop Surg Res*. 2022 Sep 8;17(1):411.
25. Vitoopinyoparb K, Insin P, Thadanipon K, **Rattanasiri S**, Attia J, McKay G, Thakkestian A. Comparison of doses and injection sites of botulinum toxin for chronic anal fissure: A systematic review and network meta-analysis of randomized controlled trials. *Int J Surg*. 2022 Aug;104:106798.
26. Limpijankit T, Jongjirasiri S, Unwanatham N, **Rattanasiri S**, Thakkestian A, Laothamatas J. Causal Relationship of Coronary Artery Calcium on Myocardial Infarction and Preventive Effect of Antiplatelet Therapy. *Front Cardiovasc Med*. 2022 27;9:871267.
27. Watcharananan SP, Jaru-Ampornpan P, Sahawongcharoen S, Naitook N, Himananto O, Jongkaewwattana A, Setthaudom C, **Rattanasiri S**, Phuphuakrat A, Thakkestian A, Mavichak V; Praram 9-BIOTEC-Ramathibodi COVID-19 Vaccine Study Group. Comparison of the immunogenicity of ChAdOx1 nCoV-19 vaccine against the wild-type and delta variants in kidney transplant recipients and healthy volunteers. *Am J Transplant*. 2022 May;22(5):1459-1466.
28. Bassey PE, Numthavaj P, **Rattanasiri S**, Sritara P, McEvoy M, Ongphiphadhanakul B, Thakkestian A. Causal association pathways between fetuin-A and kidney function: a mediation analysis. *J Int Med Res*. 2022 Apr;50(4):3000605221082874.
29. Chaya W, Anurathapan U, **Rattanasiri S**, Techasaensiri C, Pakakasama S, Apiwattanakul N. Bloodstream bacterial infections in thalassemic pediatric and adolescent patients after hematopoietic stem cell transplantation. *Pediatr Transplant*. 2022 Mar;26(2):e14168.
30. Dejthevaporn C, Wetchaphanphesat S, Pulkes T, **Rattanasiri S**, Engel AG, Witoonpanich R. Treatment of slow-channel congenital myasthenic syndrome in a Thai family with fluoxetine. *J Clin Neurosci*. 2022 Feb;96:85-89.

31. Hongku N, Woratanarat P, Nitiwarangkul L, **Rattanasiri S**, Thakkestian A. Fracture fixation versus hemiarthroplasty for unstable intertrochanteric fractures in elderly patients: A systematic review and network meta-analysis of randomized controlled trials. *Orthop Traumatol Surg Res*. 2022 Feb;108(1):102838.
32. Watcharananan SP, Jaru-Ampornpan P, Sahawongcharoen S, Naitook N, Himananto O, Jongkaewwattana A, Setthaudom C, **Rattanasiri S**, Phuphuakrat A, Thakkestian A, Mavichak V; Praram 9-BIOTEC-Ramathibodi COVID-19 Vaccine Study Group. Comparison of the immunogenicity of ChAdOx1 nCoV-19 vaccine against the wild- type and delta variants in kidney transplant recipients and healthy volunteers. *Am J Transplant*. 2022 Jan 28.
33. Charupinijkul A, Arunyanak S, **Rattanasiri S**, Vathesatogkit P, Thienpramuk L, Lertpimonchai A. The effect of obesity on periodontitis progression: the 10-year retrospective cohort study. *Clin Oral Investig*. 2022 Jan;26(1):535-542.
34. Dejthevaporn C, Wetchaphanphesat S, Pulkes T, **Rattanasiri S**, Engel AG, Witoonpanich R. Treatment of slow-channel congenital myasthenic syndrome in a Thai family with fluoxetine. *J Clin Neurosci*. 2022 Jan 6;96:85-89.
35. Hongku N, Woratanarat P, Nitiwarangkul L, **Rattanasiri S**, Thakkestian A. Fracture fixation versus hemiarthroplasty for unstable intertrochanteric fractures in elderly patients: A systematic review and network meta-analysis of randomized controlled trials. *Orthop Traumatol Surg Res*. 2021 Jan 30:102838.
36. Pornsuriyasak P, **Rattanasiri S**, Unwanatham N, Kawamatawong T, Jankum P, Thakkestian A. Effects of Oral Procaterol for Postinfectious Cough in Adults: Single-Centre, Randomized Double-Blind, Placebo-Controlled Trial. *Korean J Fam Med*. 2021 Mar;42(2):159-165.
37. Thamakaison S, Anothaisintawee T, Sukhato K, Unwanatham N, **Rattanasiri S**, Reutrakul S, Thakkestian A. Hemoglobin A1c in combination with fasting plasma glucose trumps fasting plasma glucose alone as predictive indicators for diabetes mellitus: an ambidirectional cohort study of Thai people with impaired fasting glucose. *BMJ Open Diabetes Res Care*. 2021 Nov;9(2):e002427.
38. Wiriyaichai T, Chaya W, Anurathapan U, **Rattanasiri S**, Boonsathorn S, Chaisavaneeyakorn S, Techasaensiri C, Apiwattanakul N. Association between

- adenovirus infection and mortality outcome among pediatric patients after hematopoietic stem cell transplant. *Transpl Infect Dis*. 2021 Oct 6:e13742.
39. Chaya W, Anurathapan U, **Rattanasiri S**, Techasaensiri C, Pakakasama S, Apiwattanakul N. *PediatrTransplant*. Bloodstream bacterial infections in thalassemic pediatric and adolescent patients after hematopoietic stem cell transplantation. 2021 Oct 20:e14168.
 40. Siriyotha S, Tantrakul V, Plitphongnaphim S, **Rattanasiri S**, Thakkestian A. Prediction Models of Obstructive Sleep Apnea in Pregnancy: A Systematic Review and Meta-Analysis of Model Performance. *Diagnostics (Basel)*. 2021 Jun 15;11(6):1097.
 41. Supiyaphun C, Jongkhajornpong P, **Rattanasiri S**, Lekhanont K. Prevalence and risk factors of dry eye disease among University Students in Bangkok, Thailand. *PLoS One*. 2021 Oct 1;16(10):e0258217.
 42. Charupinijkul A, Arunyanak S, **Rattanasiri S**, Vathesatogkit P, Thienpramuk L, Lertpimonchai A. The effect of obesity on periodontitis progression: the 10-year retrospective cohort study. *Clin Oral Investig*. 2022 Jan;26(1):535-542.
 43. Lukkunaprasit T, **Rattanasiri S**, Ongphiphadhanakul B, Gareth J McKay, Attia J, Thakkestian A. Causal associations of urate with cardiovascular risk factors: Two-sample Mendelian Randomization. *Frontiers in Genetics*. 2021 Jul 8;12:687279
 44. Sirisreetreerux P, Wattanayingcharoenchai R, **Rattanasiri S**, Pattanapruteep O, Numthavaj P, Thakkestian A. Medical and non-medical interventions for post-operative urinary retention prevention: network meta-analysis and risk-benefit analysis. *Ther Adv Urol*. 2021 Jun 17;13:17562872211022296.
 45. Itsaradisaiikul S, Pakakasama S, Boonsathorn S, Techasaensiri C, **Rattanasiri S**, Apiwattanakul N. Invasive Fungal Disease Among Pediatric and Adolescent Patients Undergoing Itraconazole Prophylaxis After Hematopoietic Stem Cell Transplantation. *Transplant Proc*. 2021 Jul-Aug;53(6):2021-2028.
 46. Oranratnachai S, **Rattanasiri S**, Pooprasert A, Tansawet A, Reungwetwattana T, Attia J, Thakkestian A. Efficacy of First Line Systemic Chemotherapy and Multikinase Inhibitors in Advanced Hepatocellular Carcinoma: A Systematic Review and Network Meta-Analysis. *Front Oncol*. 2021 Mar 31;11:654020.

47. Wattanayingcharoenchai R, **Rattanasiri S**, Charakorn C, Attia J, Thakkestian A. Postoperative hormonal treatment for prevention of endometrioma recurrence after ovarian cystectomy: a systematic review and network meta-analysis. *BJOG*. 2021 Jan;128(1):25-35.
48. Pornsuriyasak P, Khiawwan S, **Rattanasiri S**, Unwanatham N, Petnak T. Prevalence of small airways dysfunction in asthma with- and without-fixed airflow obstruction and chronic obstructive pulmonary disease. *Asian Pac J Allergy Immunol*. 2021 Dec;39(4):296-303.
49. Supiyaphun C, **Rattanasiri S**, Jongkhajornpong P. Comparison of Anterior Segment Parameters and Axial Length Using Two Scheimpflug Devices with Integrated Optical Biometers. *Clin Ophthalmol*. 2020 Oct 23;14:3487-3494.
50. Lukkunaprasit T, **Rattanasiri S**, Turongkaravee S, Suvannang N, Ingsathit A, Attia J, Thakkestian A. The association between genetic polymorphisms in ABCG2 and SLC2A9 and urate: an updated systematic review and meta-analysis. *BMC Med Genet*. 2020 Oct 21;21(1):210.
51. Poprom N, Wilasrusmee C, Attia J, McEvoy M, Thakkestian A, **Rattanasiri S**. Comparison of postoperative complications between open and laparoscopic appendectomy: An umbrella review of systematic reviews and meta-analyses. *J Trauma Acute Care Surg*. 2020 Oct;89(4):813-820.
52. Sukrat B, Okascharoen C, **Rattanasiri S**, Aekplakorn W, Arunakul J, Saejeng K, Bohning D, Thakkestian A. Estimation of the adolescent pregnancy rate in Thailand 2008- 2013: an application of capture- recapture method. *BMC Pregnancy Childbirth*. 2020;20(1):120.
53. Puavilai T, Thadanipon K, **Rattanasiri S**, Ingsathit A, McEvoy M, Attia J, Thakkestian A. Treatment efficacy for adult persistent immune thrombocytopenia: a systematic review and network meta-analysis. *Br J Haematol*. 2020;188(3):450-9.
54. Thadanipon K, Anothaisintawee T, **Rattanasiri S**, Thakkestian A, Attia J. Efficacy and safety of antiscabietic agents: A systematic review and network meta-analysis of randomized controlled trials. *J Am Acad Dermatol*. 2019;80(5):1435-44.
55. Poprom N, Numthavaj P, Wilasrusmee C, **Rattanasiri S**, Attia J, McEvoy M, Thakkestian A. The efficacy of antibiotic treatment versus surgical treatment of

- uncomplicated acute appendicitis: Systematic review and network meta-analysis of randomized controlled trial. *Am J Surg.* 2019;218(1):192-200.
56. Phasuk N, Keatkla J, **Rattanasiri S**, Techasaensiri C, Anurathapan U, Apiwattanakul N. Monitoring of cytomegalovirus infection in non-transplant pediatric acute lymphoblastic leukemia patients during chemotherapy. *Medicine (Baltimore)* . 2019;98(4):e14256.
 57. Lertpimonchai A, **Rattanasiri S**, Tamsailom S, Champaiboon C, Ingsathit A, Kitiyakara C, Limpianunchai A, Attia J, Sritara P, Thakkestian A. Periodontitis as the risk factor of chronic kidney disease: Mediation analysis. *J Clin Periodontol.* 2019;46(6):631-9.
 58. Jongkhajornpong P, Nimworaphan J, Lekhanont K, Chuekpaiwong V, **Rattanasiri S**. Predicting factors and prediction model for discriminating between fungal infection and bacterial infection in severe microbial keratitis. *PLoS One.* 2019;14(3):e0214076.
 59. Atikawedparit P, **Rattanasiri S**, Sittichanbuncha Y, McEvoy M, Suriyawongpaisal P, Attia J, Thakkestian A. Prehospital prediction of severe injury in road traffic injuries: A multicenter cross-sectional study. *Injury.* 2019;50(9):1499-506.
 60. Udayachalerm S, **Rattanasiri S**, Angkananard T, Attia J, Sansanayudh N, Thakkestian A. The Reversal of Bleeding Caused by New Oral Anticoagulants (NOACs): A Systematic Review and Meta-Analysis. *Clin Appl Thromb Hemost.* 2018;1076029618796339.
 61. Kamanamool N, Ingsathit A, **Rattanasiri S**, Ngamjanyaporn P, Kasitanont N, Chawanasuntorapoj R, Pichaiwong W, Anutrakulchai S, Sangthawan P, Ophascharoensuk V, Avihingsanon Y, Sumethkul V. Comparison of disease activity between tacrolimus and mycophenolate mofetil in lupus nephritis: a randomized controlled trial. *Lupus.* 2018;27(4):647-56.
 62. 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;150(1):190-200.

63. Waiyaput W, Pumipichet S, Weerakiet S, **Rattanasiri S**, Sophonsritsuk A. Effect of simvastatin on monocyte chemoattractant protein-1 expression in endometriosis patients: a randomized controlled trial. *BMC Womens Health*. 2017;17(1):89.
64. Tipjaiaue P, Ingsathit A, Kantachuvesiri P, **Rattanasiri S**, Thammanichanond D, Mongkolsuk T, Arpornsujaritkun N, Sumethkul V, Kantachuvesiri S. Outcome of Pretransplantation Therapeutic Plasma Exchange in Highly Sensitized Deceased-donor Kidney Transplant Recipients. *Transplant Proc*. 2017;49(6):1249-55.
65. Ratchataseetakul K, **Rattanasiri S**, Promson K, Sringam P, Sobhonslidsuk A. The inverse effect of meal intake on controlled attenuation parameter and liver stiffness as assessed by transient elastography. *BMC Gastroenterol*. 2017;17(1):50.
66. 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;67(6):332-43.
67. Kitiyakara T, Redmond S, Unwanatham N, Rattanasiri S, Thakkinstian A, Tangtawee P, Mingphruechi 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;11(4) : 046002.
68. Khaing W, Vallibhakara SA, Tantrakul V, Vallibhakara O, **Rattanasiri S**, McEvoy M, Attia J, Thakkinstian A. Calcium and Vitamin D Supplementation for Prevention of Preeclampsia: A Systematic Review and Network Meta- Analysis. *Nutrients*. 2017;9(10).
69. Jiravisitkul P, **Rattanasiri S**, Nuntnarumit P. Randomised controlled trial of sustained lung inflation for resuscitation of preterm infants in the delivery room. *Resuscitation*. 2017;111:68-73.
70. 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;17(11):2157-63.
71. 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;106(9):773-88.

72. Sethaphanich N, Santanirand P, **Rattanasiri S**, Techasaensiri C, Chaisavaneeyakorn S, Apiwattanakul N. Pediatric extended spectrum beta-lactamase infection: Community-acquired infection and treatment options. *Pediatr Int*. 2016;58(5):338-46.
73. Pornsuriyasak P, Kawamatawong T, **Rattanasiri S**, Tantrakul V, Pongmesa T, Birring SS, Thakkestian A. Validity and reliability of the Thai version of the leicester cough questionnaire in chronic cough. *Asian Pac J Allergy Immunol*. 2016;34(3):212-6.
74. Pitipakorn U, Suwannalai P, Trachoo O, **Rattanasiri S**, Chitphuk S, Ngamjanyaporn P, Sura T. Angiotensin-converting enzyme gene polymorphism in Thai patients with systemic lupus erythematosus. *Int J Rheum Dis*. 2016;19(7):693-9.
75. Kongsawatvorakul C, Charakorn C, Paiwattananupant K, Lekskul N, **Rattanasiri S**, Lertkhachonsuk AA. Limited Impact of Music Therapy on Patient Anxiety with the Large Loop Excision of Transformation Zone Procedure - a Randomized Controlled Trial. *Asian Pac J Cancer Prev*. 2016;17(6):2853-6.
76. Sibunruang C, Ingsathit A, Kantachuvesiri P, Radinahamed P, **Rattanasiri S**, Pootracool P, Kijvikai K, Sumethkul V, Kantachuvesiri S. Increased urine transforming growth factor beta1 (TGF-beta1) and serum uric acid are associated with an early decline of glomerular filtration rate in kidney transplant recipients. *Transplant Proc*. 2015;47(2):304-8.
77. Lekskul N, Charakorn C, Lertkhachonsuk AA, **Rattanasiri S**, Israngura Na Ayudhya N. The Level of Squamous Cell Carcinoma Antigen and Lymph Node Metastasis in Locally Advanced Cervical Cancer. *Asian Pac J Cancer Prev*. 2015;16(11):4719-22.
78. Leelaphiwat S, Jongwutiwes T, Lertvikool S, Tabcharoen C, Sukprasert M, **Rattanasiri S**, Weerakiet S. Comparison of desogestrel/ ethinyl estradiol plus spironolactone versus cyproterone acetate/ethinyl estradiol in the treatment of polycystic ovary syndrome: a randomized controlled trial. *J Obstet Gynaecol Res*. 2015;41(3):402-10.
79. Krongvorakul J, Kantachuvesiri S, Ingsathit A, **Rattanasiri S**, Mongkolsuk T, Kitpoka P, Thammanichanond D. Association of soluble human leukocyte antigen-G with acute tubular necrosis in kidney transplant recipients. *Asian Pac J Allergy Immunol*. 2015;33(2):117-22.

80. Khunpakdee N, Jayanama K, Kaewdoun P, Promson K, **Rattanasiri S**, Warodomwichit D, Kantachuvesiri S, Sobhonslidsuk A. Transient Elastography in End- Stage Renal Disease Patients on Hemodialysis: The Effect of Net Fluid Withdrawal. *Blood Purif.* 2015;40(3):256-9.
81. Thammanichanond D, Mongkolsuk T, **Rattanasiri S**, Kantachuvesiri S, Worawichawong S, Jirasiritham S, Kitpoka P. Significance of C1q-fixing donor-specific antibodies after kidney transplantation. *Transplant Proc.* 2014;46(2):368-71.
82. Satirapod C, Wingprawat S, Jultanas R, **Rattanasiri S**, Jirawatnotai S, Choktanasiri W. Effect of estradiol valerate on endometrium thickness during clomiphene citrate-stimulated ovulation. *J Obstet Gynaecol Res.* 2014;40(1):96-101.
83. Lertvikool S, Sukprasert M, Pansrikaew P, **Rattanasiri S**, Weerakiet S. Comparative study of nerve fiber density between adenomyosis patients with moderate to severe pain and mild pain. *J Med Assoc Thai.* 2014;97(8):791-7.
84. Jarupoonpol S, Choktanasiri W, Wongkularb A, **Rattanasiri S**, Sukprasert M. Sperm motility and DNA integrity affected by different g-forces in the preparation of sperm in urine specimens. *Andrologia.* 2014;46(4):391-8.
85. 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;18(4):463.
86. Yongcharoen S, **Rattanasiri S**, McDaniel DO, McEvoy M, Viwatwongkaseam C, Rojanavipart P, Thakkinstian A. Meta-analysis of cytokine gene polymorphisms and outcome of heart transplantation. *Biomed Res Int.* 2013;2013:387184.
87. Sukprasert M, **Rattanasiri S**, Xu K. The comparison of DNA quantity between full and half volume single cell whole genome amplification by linker-adapter PCR technique. *J Med Assoc Thai.* 2013;96(11):1491-7.
88. **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;28(1):62-70.

89. Ingsathit A, Kantachuvesiri S, **Rattanasiri S**, Avihingsanon Y, Premasathian N, Pongskul C, Jittikanont S, Lumpaopong A, Sumethkul V. Long-term outcome of kidney retransplantation in comparison with first kidney transplantation: a report from the Thai Transplantation Registry. *Transplant Proc.* 2013;45(4):1427-30.
90. Dumavibhat N, Matsui T, Hoshino E, **Rattanasiri S**, Muntham D, Hirota R, Eitoku M, Imanaka M, Muzembo BA, Ngatu NR, Kondo S, Hamada N, Suganuma N. Radiographic progression of silicosis among Japanese tunnel workers in Kochi. *J Occup Health.* 2013;55(3):142-8.
91. Woratanarat P, Angsanuntsukh C, **Rattanasiri S**, Attia J, Woratanarat T, Thakkestian A. Meta-analysis of pinning in supracondylar fracture of the humerus in children. *J Orthop Trauma.* 2012;26(1):48-53.
92. Thammanichanond D, Ingsathit A, Mongkolsuk T, **Rattanasiri S**, Kantachuvesiri S, Sakonrat C, Leenanupan C, Worawichawongs S, Kitpoka P. Pre-transplant donor specific antibody and its clinical significance in kidney transplantation. *Asian Pac J Allergy Immunol.* 2012;30(1):48-54.
93. Satirapod C, Treetampinich C, Weerakiet S, Wongkularb A, **Rattanasiri S**, Choktanasiri W. Comparison of cryopreserved human sperm from solid surface vitrification and standard vapor freezing method: on motility, morphology, vitality and DNA integrity. *Andrologia.* 2012;44 Suppl 1:786-90.
94. Thakkestian A, Ingsathit A, Chaiprasert A, **Rattanasiri S**, Sangthawan P, Gojaseni P, Kiattisunthorn K, Ongaiyooth L, Thirakhupt P. A simplified clinical prediction score of chronic kidney disease: a cross-sectional-survey study. *BMC Nephrol.* 2011;12:45.
95. Charakorn C, **Rattanasiri S**, Lertkhachonsuk AA, Thanappapasr D, Chittithaworn S, Wilailak S. Knowledge of Pap smear, HPV and the HPV vaccine and the acceptability of the HPV vaccine by Thai women. *Asia Pac J Clin Oncol.* 2011;7(2):160-7.
96. Chakreeyarat S, Saetung S, Chailurkit LO, **Rattanasiri S**, Ditbanjong S, Chitrapazt N, Jaovisidha S, Ongphiphadhanakul B. Elevated vitamin D status in postmenopausal women on thiazolidinediones for type 2 diabetes. *Endocrine.* 2011;39(3):278-82.

97. Witoonpanich R, Vichayanrat E, Tantisiriwit K, Wongtanate M, Sucharitchan N, Oranrigsupak P, Chuesuwan A, Nakarawat W, Tima A, Suwatcharakoon S, Ingsathit A, **Rattanasiri S**, Wananukul W. Survival analysis for respiratory failure in patients with food-borne botulism. *Clin Toxicol (Phila)*. 2010;48(3):177-83.
98. Ingsathit A, Avihingsanon Y, **Rattanasiri S**, Premasathian N, Pongskul C, Jittikanont S, Sumethkul V. Different etiologies of graft loss and death in Asian kidney transplant recipients: a report from Thai Transplant Registry. *Transplant Proc*. 2010;42(10):4014-6.
99. Woratanarat P, Ingsathit A, Suriyawongpaisal P, **Rattanasiri S**, Chatchaipun P, Wattayakorn K, Anukarahanonta T. Alcohol, illicit and non-illicit psychoactive drug use and road traffic injury in Thailand: a case-control study. *Accid Anal Prev*. 2009;41(3):651-7.
100. Witoonpanich R, Vichayanrat E, Tantisiriwit K, **Rattanasiri S**, Ingsathit A. Electrodiagnosis of botulism and clinico- electrophysiological correlation. *Clin Neurophysiol*. 2009;120(6):1135-8.
101. Trakulsrichai S, Sundarathiti P, Chalermdamrichai P, Palasatien I, **Rattanasiri S**, Chatchaipun P, Hathirat S. An observation study of rapid sequence, awake and sedation-only intubations in an emergency department in Thai patients. *J Med Assoc Thai*. 2009;92(8):1022-7.
102. Tongprasert S, Sobhonslidsuk A, **Rattanasiri S**. Improving quality of colonoscopy by adding simethicone to sodium phosphate bowel preparation. *World J Gastroenterol*. 2009;15(24):3032-7.
103. Jongwutiwes T, Lertvikool S, Leelaphiwat S, **Rattanasiri S**, Jultanas R, Weerakiet S. Serum visfatin in Asian women with polycystic ovary syndrome. *Gynecol Endocrinol*. 2009;25(8):536-42.
104. Ingsathit A, Woratanarat P, Anukarahanonta T, **Rattanasiri S**, Chatchaipun P, Wattayakorn K, Lim S, Suriyawongpaisal P. Prevalence of psychoactive drug use among drivers in Thailand: a roadside survey. *Accid Anal Prev*. 2009;41(3):474-8.
105. Anothaisintawee T, **Rattanasiri S**, Ingsathit A, Attia J, Thakkestian A. Prevalence of chronic kidney disease: a systematic review and meta-analysis. *Clin Nephrol*. 2009;71(3):244-54.

106. Weerakiet S, Tingthanatikul Y, Boonnag P, Wansumrith S, **Rattanasiri S**, Leelaphiwat S. Can adiponectin predict abnormal glucose tolerance in Thai women with polycystic ovary syndrome? *J Obstet Gynaecol Res.* 2008;34(1):55-61.
107. Tanpowpong K, Saisukul I, Kittimanont H, **Rattanasiri S**. Outcome of myringotomy with ventilation tube for otitis media with effusion in Thai children: Ramathibodi experiences. *J Med Assoc Thai.* 2007;90(9):1866-71.
108. Kiertiburanakul S, Khongnorasat S, **Rattanasiri S**, Sungkanuparph S. Efficacy of a generic fixed- dose combination of stavudine, lamivudine and nevirapine (GPO- VIR) in Thai HIV- infected patients. *J Med Assoc Thai.* 2007;90(2):237-43.
109. Angchaisuksiri P, Atichartakarn V, Aryurachai K, Archararit N, Chuncharunee S, Tiraganjana A, **Rattanasiri S**. Hemostatic and thrombotic markers in patients with hemoglobin E/ beta- thalassemia disease. *Am J Hematol.* 2007;82(11):1001-4.
110. Manosuthi W, Sungkanuparph S, Thakkestian A, **Rattanasiri S**, Chaovavanich A, Prasithsirikul W, Likansakul S, Ruxrungtham K. Plasma nevirapine levels and 24- week efficacy in HIV- infected patients receiving nevirapine-based highly active antiretroviral therapy with or without rifampicin. *Clin Infect Dis.* 2006;43(2):253-5.
111. Manosuthi W, Kiertiburanakul S, Sungkanuparph S, Ruxrungtham K, Vibhagool A, **Rattanasiri S**, Thakkestian A. Efavirenz 600 mg/day versus efavirenz 800 mg/day in HIV-infected patients with tuberculosis receiving rifampicin: 48 weeks results. *AIDS.* 2006;20(1):131-2.
112. Kiertiburanakul S, Sungkanuparph S, **Rattanasiri S**, Manosuthi W, Vibhagool A, Thakkestian A. Virological and immunological responses of efavirenz-based HAART regimen initiated in HIV-infected patients at CD4 < 100 versus CD4 > or = 100 cells/mm³. *J Med Assoc Thai.* 2006;89(9):1381-7.
113. Manosuthi W, Sungkanuparph S, Thakkestian A, Vibhagool A, Kiertiburanakul S, **Rattanasiri S**, Prasithsirikul W, Sankote J, Mahanontharit A, Ruxrungtham K. Efavirenz levels and 24-week efficacy in HIV-infected patients with tuberculosis receiving highly active antiretroviral therapy and rifampicin. *AIDS.* 2005;19(14):1481-6.

114. Kamalaporn P, Sobhonslidsuk A, Jatchavala J, Atisook K, **Rattanasiri S**, Pramoolsinsap C. Factors predisposing to peptic ulcer disease in asymptomatic cirrhotic patients. *Aliment Pharmacol Ther.* 2005;21(12):1459-65.

PUBLICATION (BOOK)

Bohning D, Kuhnert R, **Rattanasiri S**. Meta-analysis of binary data using profile likelihood. London: Chapman & Hall/CRC; 2008.