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
Work Facsimile: 6622011284

Gender: Female

Date of Birth: March 29, 1973
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.
1. Wattanayingcharoenchai R, Rattanasiri S, Charakorn C, Attia J, Thakkinstian A. Postoperative hormonal treatment for prevention of endometrioma recurrence after ovarian cystectomy: a systematic review and network meta-analysis. BJOG. 2020.

2. Pornsuriyasak P, Rattanasiri S, Unwanatham N, Kawamatawong T, Jankum P, Thakkinstian A. Effects of Oral Procaterol for Postinfectious Cough in Adults: Single-Centre, Randomized Double-Blind, Placebo-Controlled Trial. Korean J Fam Med. 2020.

3. Sukrat B, Okascharoen C, Rattanasiri S, Aekplakorn W, Arunakul J, Saejeng K, Bohning D, Thakkinstian A. Estimation of the adolescent pregnancy rate in Thailand 2008-2013: an application of capture-recapture method. BMC Pregnancy Childbirth. 2020;20(1):120.

4. Puavilai T, Thadanipon K, Rattanasiri S, Ingsathit A, McEvoy M, Attia J, Thakkinstian A. Treatment efficacy for adult persistent immune thrombocytopenia: a systematic review and network meta-analysis. Br J Haematol. 2020;188(3):450-9.

5. Thadanipon K, Anothaisintawee T, Rattanasiri S, Thakkinstian 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.

6. 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. 2019.

7. Poprom N, Numthavaj P, Wilasrusmee C, Rattanasiri S, Attia J, McEvoy M, Thakkinstian 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.

8. 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.
9. Lertpimonchai A, Rattanasiri S, Tamsailom S, Champai boon C, Ingsathit A, Kitiyakara C, Limpianunchai A, Attia J, Sritara P, Thakkinstian A. Periodontitis as the risk factor of chronic kidney disease: Mediation analysis. J Clin Periodontol. 2019;46(6):631-9.

10. Jongkhajornpong P, Nimworaphan J, Lekhanont K, Chuckpaiwong 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.

11. Atiksa wedparit P, Rattanasiri S, Sittichanbuncha Y, McEvoy M, Suriyawongpaisal P, Attia J, Thakkinstian A. Prehospital prediction of severe injury in road traffic injuries: A multicenter cross-sectional study. Injury. 2019;50(9):1499-506.

12. Udayachalerm S, Rattanasiri S, Angkankanard 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;1076029618796339.

13. Kamanamool N, Ingsathit A, Rattanasiri S, Ngamjanyaporn P, Kasitanont N, Chawanasuntorapoj R, Picha iwong 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.

14. Charakorn C, Thadanipon K, Chaijindaratana S, Rattanasiri S, Numthavaj P, Thakkinstian 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.

15. 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.

16. 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.
17. Ratchatassetakul 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.

18. 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.

19. Kitiyakara T, Redmond S, Unwanatham N, Rattanasiri S, Thakkinstian A, Tangtawee P, Mingphruedhi S, Sobhonslidsuk A, Intarprasong 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.

20. 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).

21. 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.

22. 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.

23. 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.

24. Sethapanich 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.
25. 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;34(3):212-6.

26. 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.

27. 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.

28. 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.

29. 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.

30. 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.

31. 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.

32. Khunpakdee N, Jayanama K, Kaewdoung 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.

33. 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.

34. Satirapod C, Wingprawat S, Jultanmas R, Rattanasiri S, Jirawatnotai S, Choktanasi W. Effect of estradiol valerate on endometrium thickness during clomiphene citrate-stimulated ovulation. J Obstet Gynaecol Res. 2014;40(1):96-101.

35. 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.

36. Jaruponpol S, Choktanasi 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.

37. 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.

38. 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.

39. 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.

40. 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.

41. Ingsathit A, Kantachuvesiri S, Rattanasiri S, Avihingsanon Y, Premasathian N, Pongsukl 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.

42. 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.

43. Woratanarat P, Amsananuntsuk C, Rattanasiri S, Attia J, Woratanarat T, Thakkinstian A. Meta-analysis of pinning in supracondylar fracture of the humerus in children. J Orthop Trauma. 2012;26(1):48-53.

44. Thammanichanond D, Ingsathit A, Mongkolsuk T, Rattanasiri S, Kantachuvesiri S, Sakhonrat 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.

45. Satirapod C, Treetampinich C, Weerakiet S, Wongkularb A, Rattanasiri S, Choktanasi 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.

46. Thakkinstian 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.

47. Charakorn C, Rattanasiri S, Lertkhachonsuk AA, Thanapprapasr 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.

48. 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.

49. Witoonpanich R, Vichayanrat E, Tantisiriwit K, Wongtanate M, Sucharitchan N, Oranrigsupak P, Chuesuwan A, Nakarawat W, Tim A, Suwatcharangkoon S,
50. Ingsathit A, Avihingsanon Y, Rattanasiri S, Premasathian N, Pongsukl 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.

51. 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.

52. Witoonpanich R, Vichayanrat E, Tantisiriwit K, Rattanasiri S, Ingsathit A. Electrodiagnosis of botulism and clinico-electrophysiological correlation. Clin Neurophysiol. 2009;120(6):1135-8.

53. 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.

54. 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.

55. Jongwutiwes T, Lertvikool S, Leelaphiwat S, Rattanasiri S, Jultanmas R, Weerakiet S. Serum visfatin in Asian women with polycystic ovary syndrome. Gynecol Endocrinol. 2009;25(8):536-42.

56. 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.

57. Anothaisintawee T, Rattanasiri S, Ingsathit A, Attia J, Thakkinstian A. Prevalence of chronic kidney disease: a systematic review and meta-analysis. Clin Nephrol. 2009;71(3):244-54.

58. 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.

59. 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.

60. 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.

61. 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.

62. Manosuthi W, Sungkanuparph S, Thakkinstian A, Rattanasiri S, Chaovavanich A, Prasithsirikul W, Likanonsakul 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.

63. Manosuthi W, Kiertiburanakul S, Sungkanuparph S, Ruxrungtham K, Vibhagool A, Rattanasiri S, Thakkinstian 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.

64. Kiertiburanakul S, Sungkanuparph S, Rattanasiri S, Manosuthi W, Vibhagool A, Thakkinstian A. Virological and immunological responses of efavirenz-based HAART regimen initiated in HIV-infected patients at CD4 < 100 versus CD4 ≥ 100 cells/mm3. J Med Assoc Thai. 2006;89(9):1381-7.

65. Manosuthi W, Sungkanuparph S, Thakkinstian A, Vibhagool A, Kiertiburanakul S, Rattanasiri S, Prasithsirikul W, Sankote J, Mahanontharat 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.

66. 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.
1. Bohning D, Kuhnert R, Rattanasiri S. Meta-analysis of binary data using profile likelihood. London: Chapman & Hall/CRC; 2008.