

## CURRICULUM VITAE

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### Current appointments

2015-present Statistician in Biostatistics Department of Clinical Epidemiology and Biostatistics Faculty of Medicine, Ramathibodi Hospital.

### Academic Qualifications

2007-2010 Bachelor of Science (Statistics), Naresuan university, Phitsanulok, Thailand.  
2011-2014 Master of Science (Statistics), Naresuan university, Phitsanulok, Thailand.

### Publications

1. Kiatchoosakun S, Chamnarnphol N, Wongwipaporn C, Pussadhamma B, Roongsangmanoon W, **Siriyotha S**, Thakkinstian A, Sansanayudh N. Performance of the GRACE and the ACTION risk model in the prediction of in-hospital mortality: external validation, model revision and updating in the Thai Percutaneous Coronary Intervention Registry. *Open Heart*. 2025 May 21;12(1):e003027.
2. Tanayapong P, Tantrakul V, Liamsombut S, **Siriyotha S**, McKay G, Attia J, Thakkinstian A. Comparative Efficacy and Safety of Multiple Wake-Promoting Agents for the Treatment of Residual Sleepiness in Obstructive Sleep Apnea Despite Continuous Positive Airway Pressure: A Systematic Review and Network Meta-Analysis of Randomized Controlled

Trials. CNS Drugs. 2025 Jun;39(6):527-544.

3. Chandavimol M, Limpijankit T, Srimahachota S, Buddhari W, Tantisiriwat W, Kiatchoosakun S, Pitaksuteepong T, **Siriyotha S**, Thakkinstian A, Sansanayudh N. Retrospective Analysis of the Thai Percutaneous Coronary Intervention Registry: Impacts of Center Volume and Operator Experience on Outcomes. Catheter Cardiovasc Interv. 2025 Feb;105(2):442-455.
4. **Siriyotha S**, Anothaisintawee T, Looareesuwan P, Nimitphong H, McKay GJ, Attia J, Thakkinstian A. Effectiveness of glucagon-like peptide-1 receptor agonists for reduction of body mass index and blood glucose control in patients with type 2 diabetes mellitus and obesity: A retrospective cohort study and difference-in-difference analysis. BMJ Open. 2024 Nov 24;14(11):e086424.
5. Chanplakorn P, Budsayavilaimas C, Jaipanya P, Pichyangkul P, **Siriyotha S**, Lertudomphonwanit T. Hematologic Malignancies Influence the Accuracy of Prediction of Survival in Patients With Solid Tumor Spinal Metastases Undergoing Surgery. JCO Glob Oncol. 2024 Jul;10:e2300419.
6. **Siriyotha S**, Lukkunaprasit T, Looareesuwan P, Kunakorntham P, Anothaisintawee T, Nimitphong H, McKay GJ, Attia J, Thakkinstian A. Individual treatment effects of sodium-glucose co-transporter-2 inhibitors on the risk of chronic kidney disease in patients with type 2 diabetes: A counterfactual prediction model based on real-world data. Diabetes Obes Metab. 2024 Jul 22.
7. **Siriyotha S**, Pattanaprateep O, Srimahachota S, Sansanayudh N, Thakkinstian A, Limpijankit T. Factors associated with health-related quality of life in patients undergoing percutaneous coronary intervention: Thai PCI registry. Front Cardiovasc Med. 2023 Nov 8;10:1260993.
8. Suthutvoravut U, Anothaisintawee T, Boonmanunt S, Pramyothin S, **Siriyothin S**, Attia J, McKay GJ, Reutrakul S, Thakkinstian A. Efficacy of Time-Restricted Eating and Behavioral Economic Intervention in Reducing Fasting Plasma Glucose, HbA1c, and Cardiometabolic Risk Factors in Patients with Impaired Fasting Glucose: A Randomized Controlled Trial. Nutrients. 2023 Sep 30;15(19):4233.
9. Roongsangmanoon W, Wongsoasup A, Chichareon P, Suwannasom P, Chandavimol M, Limpijankit T, Srimahachota S, Hutayanon P, Kiatchoosakun S, Siriwiwatnakul N, Promlikitchai P, **Siriyotha S**, Thakkinstian A, Sansanayudh N. Validation of the academic research consortium high bleeding risk definition in Thai PCI registry. Int J Cardiol. 2023 Jul 8:131167.

10. 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.
11. Trirattanapikul A, Pasomsub E, **Siriyotha S**, Pattanaprateep O, Phuphuakrat A. Diagnostic stewardship to limit repeat plasma cytomegalovirus viral load testing. *BMC Infect Dis.* 2023 Jun 9;23(1):387.
12. Roongsangmanoon W, Chichareon P, Angkananard T, Suwannasom P, Chandavimol M, Limpijankit T, Srimahachota S, Athisakul S, Hutayanon P, Kiatchoosakun S, Thanakitcharu P, Charoenpanichsunti M, Chamsaard P, **Siriyotha S**, Thakkinstian A, Sansanayudh N. External Validation of the ACUITY/HORIZON Bleeding Risk Score among Acute Coronary Syndrome Patients in Thai PCI Registry. *Thromb Haemost.* 2023 Feb;123(2):255-266.
13. **Siriyotha S**, Lukkunaprasit T, Angkananard T, Looareesuwan P, McKay GJ, Attia J, Thakkinstian A. Clinical effectiveness of second-line antihyperglycemic drugs on major adverse cardiovascular events: An emulation of a target trial. *Front Endocrinol (Lausanne).* 2023 Jan 30;14:1094221.
14. **Siriyotha S**, Lukkunaprasit T, Looareesuwan P, Nimitphong H, McKay GJ, Attia J, Thakkinstian A. Effects of second-line antihyperglycemic drugs on the risk of chronic kidney disease: applying a target trial approach to a hospital-based cohort of Thai patients with type 2 diabetes. *Cardiovasc Diabetol.* 2022 Nov 17;21(1):248.
15. Srimahachota S, Krisanachinda A, Roongsangmanoon W, Sansanayudh N, Limpijankit T, Chandavimol M, et al. Establishment of national diagnostic reference levels for percutaneous coronary interventions (PCIs) in Thailand. *Physica medica : PM : an international journal devoted to the applications of physics to medicine and biology : official journal of the Italian Association of Biomedical Physics (AIFB).* 2022;96:46-53.
16. Limpijankit T, Vathesatogkit P, Matchariyakul D, Wiriyatanakorn S, **Siriyotha S**, Thakkinstian A, et al. Causal relationship of excess body weight on cardiovascular events through risk factors. *Sci Rep.* 2022;12(1):5269.
17. Limpijankit T, Chandavimol M, Srimahachota S, **Siriyotha S**, Thakkinstian A, Krittayaphong R, et al. No Paradoxical Effect of Smoking Status on Recurrent Cardiovascular Events in

Patients Following Percutaneous Coronary Intervention: Thai PCI Registry. *Frontiers in cardiovascular medicine*. 2022;9:888593.

18. Limpijankit T, Chandavimol M, Srimahachota S, Kanoksilp A, Jianmongkol P, **Siriyotha S**, et al. Dose-dependent effect of impaired renal function on all-cause mortality in patients following percutaneous coronary intervention. *Clin Cardiol*. 2022.
19. Unhapiwatpong C, Shantavasinkul PC, Kasemsup V, **Siriyotha S**, Warodomwichit D, Maneesuwannarat S, et al. Tropical Oil Consumption and Cardiovascular Disease: An Umbrella Review of Systematic Reviews and Meta Analyses. *Nutrients*. 2021;13(5).
20. **Siriyotha S**, Tantrakul V, Plitphonganphim S, Rattanasiri S, Thakkinstian A. Prediction Models of Obstructive Sleep Apnea in Pregnancy: A Systematic Review and Meta-Analysis of Model Performance. *Diagnostics* (Basel, Switzerland). 2021;11(6).
21. Sangkum L, Sawang S, Tantrakul V, Tangshewinsirikul C, **Siriyotha S**, Terpornlert S, et al. Preeclampsia and Baby Complications Correlated to High-Risk Score for Obstructive Sleep Apnea Screen by STOP-Bang Questionnaire. *Journal of the Medical Association of Thailand*. 2021;104(6).
22. Lueangaram S, Tritanon O, **Siriyotha S**, Vanikieti K, Padungkiatsagul T, Preechawat P, et al. Radiological Characteristics of Extraocular Muscles in Myasthenia Gravis Patients with Ocular Manifestations: A Case-Control Study. *Clinical ophthalmology* (Auckland, NZ). 2021;15:2279-85.
23. Limpijankit T, Vathesatogkit P, Matchariyakul D, Yingchoncharoen T, **Siriyotha S**, Thakkinstian A, et al. Cardio-ankle vascular index as a predictor of major adverse cardiovascular events in metabolic syndrome patients. *Clin Cardiol*. 2021;44(11):1628-35.
24. Vanikieti K, Janyaprasert P, Lueangram S, Nimworaphan J, Rattanathamsakul N, Tiraset N, et al. Etiologies of Acute Optic Neuritis in Thailand: An Observational Study of 171 Patients. *Clinical ophthalmology* (Auckland, NZ). 2020;14:2935-42.
25. Thammanichanond D, Sukhumvat S, Tammakorn C, **Siriyotha S**, Kantachuvesiri S. Comparison Between Phenotypic Bead Assay and Single Antigen Bead Assay for Determining Specificity of HLA Antibodies in Kidney Transplant Waiting List. *Transplant Proc*. 2020;52(6):1675-9.

26. Jindahra P, Phuphuakrat A, Tangjaisanong T, **Siriyotha S**, Padungkiatsagul T, Vanikieti K, et al. Clinical characteristics of hiv-associated optic neuritis. International Medical Case Reports Journal. 2020;13:609-16.
27. Jongkhajornpong P, Lekhanont K, **Siriyotha S**, Kanokrungsee S, Chuckpawiwong V. Factors Contributing to Long-Term Severe Visual Impairment in Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis. Journal of Ophthalmology. 2017;2017.