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Current appointments

2008- Present Information Technologist, Faculty of Medicine Ramathibodi Hospital,
Mahidol University, Bangkok, Thailand

2011 - Present Teacher (Part time), Faculty of Information and Communication
Technology, Silpakorn University, Bangkok Campus, Bangkok, Thailand

1996-2008 Senior Coordinator (E-Commerce), Chukai Public Company Limited,
Samut Prakarn, Thailand

Academic Degree:

- Doctor of Engineering (Electrical and Information Engineering Technology), King Mongkut's University of Technology Thonburi, 2015-2019
- Master of Science (Applied Statistics), National Institute of Development Administration, Bangkok, Thailand 2000-2002
- Bachelor of Technology in Business Information Technology, Sukhothai Thammathirat Open University, Nonthaburi, Thailand 2005-2007
- Bachelor of Art in Public Administration, Minor Statistics, Chiang Mai University, Chiang Mai, Thailand 1992-1995

Certificate and Post-Education in Information Technology:

- Post-Education Courses in Information Technology:
 - High Level Language Programming

- WWW Programming
- Data Network
- Data & File Structure
- Applied Database Management
- Certificate:
Design Technique for High Performance System
Software Park, Thailand 2015
- Certificate:
Requirements Analysis for BA and SA
Software Park, Thailand 2015
- Certificate:
Mathematical and Economic Modelling
Mahidol-Oxford Tropical Medicine Research Unit 2014

Publications

1. Teh XR, Looareesuwan P, Pattanapratchee O, **Pattanateepaporn A**, Attia J, Thakkinstant A. Predictive ability of visit-to-visit glucose variability on diabetes complications. BMC Med Inform Decis Mak. 2025 Mar 17;25(1):134.
2. Limotai C, Jirasakuldej S, Wongwiangjunt S, Tumnark T, Suwanpakdee P, Wangponpattanasiri K, Rakchue P, Tungkasereerak C, Pleumpanupatand P, Tansuhaj P, Ekkachon P, Kittipanprayoon S, Kerddonfag A, Pobsuk T, **Pattanateepaporn A**, Phanthumchinda K, Suwanwela NC, Thaipisuttikul I, Boonyapisit K, Ingsathit A, Pattanapratchee O, Attia J, McKay GJ, Rossetti AO, Thakkinstant A, Rukrungrong C, Kangsanant P, Mokkaew J, Phayaph N, Pukpraman S, Ritthachon W, Jarungjitapinan Y, Pinpradab J, Khamhoi N, Nookaew M, Chauywang P, Rojdmapiyakorn P, Sribussara P, Tinroongroj W, Teeratanthakorn W, Chongsuvivatwong T, Viratayaporn W, Jantararat 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.

3. Piebpien P, Tansawet A, Pattanapruteep O, **Pattanateepapon A**, Wilasrusmee C, McKay GJ, Attia J, Thakkestian A. Can machine learning models improve the prediction of surgical site infection in abdominal surgery than traditional statistical models? J Int Med Res. 2024 Nov;52(11):3000605241293696.
4. Tansawet A, Numthavaj P, Teza H, **Pattanateepapon A**, Piebpien P, Poprom N, Techapongsatorn S, McKay G, Attia J, Sumritpradit P, Thakkestian A. External validation and revision of Penn incisional hernia prediction model: A large-scale retrospective cohort of abdominal operations. Surgeon. 2024 Feb;22(1):e34-e40.
5. Teza H, **Pattanateepapon A**, Lertpimonchai A, Vathesatogkit P, J McKay G, Attia J, Thakkestian A. Development of Risk Prediction Models for Severe Periodontitis in a Thai Population: Statistical and Machine Learning Approaches. JMIR Form Res. 2023 Dec 14;7:e48351.
6. Tansawet A, Numthavaj P, Teza H, **Pattanateepapon A**, Piebpien P, Poprom N, Techapongsatorn S, McKay G, Attia J, Sumritpradit P, Thakkestian A. External validation and revision of Penn incisional hernia prediction model: A large-scale retrospective cohort of abdominal operations. Surgeon. 2023 Aug 7:S1479-666X(23)00086-0.
7. Teza H, Boonmanunt S, Unwanatham N, Thadanipon K, Limpijankit T, Pattanapruteep O, **Pattanateepapon A**, McKay GJ, Attia J, Thakkestian A. Evaluation of transitions from early hypertension to hypertensive chronic kidney disease, coronary artery disease, stroke and mortality: a Thai real-world data cohort. Front Cardiovasc Med. 2023 May 2;10:1170010.
8. Saputro SA, **Pattanateepapon A**, Pattanapruteep O, Aekplakorn W, McKay GJ, Attia J, Thakkestian A. External validation of prognostic models for chronic kidney disease among type 2 diabetes. J Nephrol. 2022 Jan 8.
9. Saputro SA, Pattanapruteep O, **Pattanateepapon A**, Karmacharya S, Thakkestian A. Prognostic models of diabetic microvascular complications: a systematic review and meta-analysis. Syst Rev. 2021 Nov 1;10(1):288.
10. **Pattanateepapon A**, Suwansantisuk W, Kumhom P. An approach to supervised learning: Dynamic multi-hyperplane partitioning. IEEE Access. 2020;8:22048-71.
11. Limotai C, Ingsathit A, Thadanipon K, Pattanapruteep O, **Pattanateepapon A**, Phanthumchinda K, Suwanwela NC, Thapisuttikul I, Boonyapisit K, Thakkestian A. Efficacy and economic evaluation of delivery of care with tele-continuous EEG in critically ill patients: a multicentre, randomised controlled trial (Tele-cRCT) study protocol. BMJ Open. 2020;10(3):e033195.

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1. **Anuchate Pattanateepapon**, Watcharapan Suwansantisuk, Pinit Kumhom, Methods to Transform Microarray Data for Cancer Prediction, IEEE Conference on Computational Intelligence in Bioinformatics and Computational Biology (CIBCB), Pages: 1 - 7, DOI: 0.1109/CIBCB.2016.7758104, 2016.
2. **Anuchate Pattanateepapon**, Watcharapan Suwansantisuk, Pinit Kumhom, Feature selection based on correlations of gene-expression values for cancer prediction, IEEE EMBS Conference on Biomedical Engineering and Sciences (IECBES), Pages: 716 - 721, DOI:10.1109/IECBES.2016.7843544, 2016.