

HTUN TEZA

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RESEARCH EXPERIENCE

Graduate Research Assistant, Department of Clinical Epidemiology and Biostatistics, Mahidol University (2021-Present)

- Affiliated under the Data Science and Clinical Informatics division
- Responsible for two themes under CEB Data Warehouse Project; Hypertension and Surgery
- Studies on disease progression of hypertension
- Studies on incisional hernia in abdominal surgery
- Cohort identification, data curation and further maintenance
- Secondary data analysis on electronic medical records
- Publishing of scientific papers in peer-reviewed journals and international conferences

Graduate Student Researcher (2019-2021)

- Affiliated under the Data Science and Clinical Informatics division
- Studies on prediction models for severe periodontitis
- Secondary data analysis on a prospective cohort on cardiovascular diseases
- Presenting of results at national and international conferences

RELEVANT RESEARCH SKILLS

- Data extraction, cleaning and engineering of electronic medical records to research ready datasets
- Cohort identification for secondary data analysis
- Multidisciplinary collaborations with clinicians, surgeons, pharmacists, epidemiologists, biostatisticians, economists and data-scientists
- Experience in statistical and machine learning languages; Python, R, Stata and SPSS

EDUCATION

Mahidol University

Master of Science (Data Science for Healthcare); Risk-factor based Diagnosis for Chronic Periodontitis using Machine Learning Models

University of Dental Medicine Yangon

Bachelor of Dental Surgery

AWARDS

2019 Scholarship for postgraduate students (Stipend for a First-year Student)

Faculty of Medicine Ramathibodi Hospital

2019 Mahidol Postgraduate Scholarships for Graduate International Students

Faculty of Graduate Studies, Mahidol University

ADDITIONAL RELEVANT EXPERIENCE

Data Manager (2023)

- For Thailand Health AI Datathon 2023 hosting at Khon Kaen University
- Data curator and manager for contribution by Faculty of Medicine Ramathibodi Hospital
- Retrospective cohort over 13-years period including 276,500 subjects

Undergraduate Research Assistant (2018)

- Affiliated under the Department of Preventive and Community Dentistry
- Data collection and data entry tasks
- Assessment of Oral Health Status in Taung-Tha Township, Myingyan District, Mandalay Division, Myanmar : A Cross-sectional Descriptive Study

MEMBERSHIP OF PROFESSIONAL SOCIETIES

Myanmar Dental Council (2019-present)

Myanmar Dental Association (2019-present)

REFEREES

Prof. Dr. Ammarin Thakkestian, Mahidol University, ammarin.tha@mahidol.edu

Assoc. Prof. Dr. Oraluck Pattanaprateep, Mahidol University, oraluck.pat@mahidol.edu

Dr. Anuchate Pattanateepapon, Mahidol University, anuchate.gab@mahidol.edu

PUBLICATIONS

Tansawet A, Numthavaj P, Teza H, Pattanateepapon A, Piebpien P, Poprom N, Techapongsatorn S, McKay GJ, Attia J, Sumritpradit P, Thakkestian A. **External validation and revision of Penn incisional hernia prediction model: A large-scale retrospective cohort of abdominal operations.** The Surgeon. 2023. doi: 10.1016/j.surge.2023.07.008

Teza H, Boonmanunt S, Unwanatham N, Thadanipon K, Limpijankit T, Pattanapratchee O, Pattanateepaporn 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.** *Frontiers in Cardiovascular Medicine*. 2023;10:709. doi: 10.3389/fcvm.2023.1170010

Thway AM, Teza H, Win TT, Htun YM, Aung MM, Win YN, Tun KM. **Epidemiological characteristics of SARS-COV-2 in Myanmar.** *medRxiv*. 2020 Aug 4:2020-08. doi: 10.1101/2020.08.02.20166504v1 (Preprint)

CONFERENCES

CEB Data Warehouse Showcase (Speaker)

Ramathibodi International Academic Conference, Mahidol University, Bangkok, Thailand, 2023

Hypertension and Its Associated Complications: A Thai Real-World Clinical Cohort (Poster)

ISPOR—the Professional Society for Health Economics and Outcomes Research, Boston Convention & Exhibition Center, Boston, Massachusetts, United States, 2023

Screening models for Periodontitis (Poster)

43rd Annual Conference of International Society for Clinical Biostatistics, Newcastle University, Newcastle upon Tyne, United Kingdom, 2022

Big Cohort Data for NCDs (Speaker)

14th Ministry of Health - Academy of Medicine of Malaysia Scientific Meeting, National Institutes of Health, Selangor, Malaysia, 2022

Clinical Prediction of Chronic Periodontitis (Proceeding)

The 7th Regional Conference on Graduate Research 2021, Sripatum University, Khon Kaen, Thailand, 2021