

## CURRICULUM VITAE

### Sermkiat Lolak

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

Position: Researcher

Work Telephone Number: 6622010833

Gender: Male

Citizenship: Thai

Electronic Mail: [sermkiat.lol@mahidol.edu](mailto:sermkiat.lol@mahidol.edu)

#### Academic Qualifications:

1997-2003 Doctor of Medicine, faculty of Medicine, Chulalongkorn University

2006-2011 Thai board of Neurological Surgery, faculty of Medicine, Chulalongkorn University

2019-2024 Ph.D. Data Science of Healthcare, faculty of Medicine, Ramathobodi hospital,  
Mahidol University

#### Current & previous positions

Present Researcher in Department of Clinical Epidemiology and Biostatistics  
Faculty of Medicine, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand

#### Publications

1. Lolak S, Attia J, McKay GJ, Thakkinstian A. Comparing Explainable Machine Learning Approaches With Traditional Statistical Methods for Evaluating StrokeRisk Models: Retrospective Cohort Study. JMIR Cardio. 2023 Jul 26;7:e47736.
2. Somboon S, Phunghassaporn N, Tansawet A, Lolak S. Accuracy of machine learning logistic regression in death prediction for patients of road traffic injury. Asian J Surg. 2022 Jan;45(1):537-538.

3. Tansawet A, Nakchuai P, Techapongsatorn S, Sukhvibul P, **Lolak S**. Prediction of seroma after total mastectomy using an artificial neural network algorithm. *Breast Dis.* 2022;41(1):21-26.
4. Pianpanit T, **Lolak S**, Sawangjai P, Sudhawiyangkul T, Wilaiprasitporn T. Parkinson's Disease Recognition Using SPECT Image and Interpretable AI: A Tutorial. *IEEE Sensors Journal.* vol. 21, no. 20, pp. 22304-22316, 15 Oct.15, 2021
5. **Lolak S**, Bunyaratavej K. C-reactive protein in prediction of ventriculoperitoneal shunt-related infection in high-risk patients. *Surg Infect (Larchmt).* 2013;14(2):192-5.