



## Regional Update



**Jason C. Hsu**

**Taipei Medical University, Taiwan**

**Dec. 5, 2024**

# Members in OHDSI Taiwan Society Office



**Marc Hsu**



**Jason C. Hsu**



**Alex PA. Nguyen**



**Grace Huang**



**Hsiu Chin Hu**



**Phan Thanh Phuc**



**Yudha E. Saputra**



**Maz Solie**



**Whitney Burton**



**Rachel Quynh  
Nguyen**



**Dian Tri Wiyanti**



**Septi Melisa**



**Christianus  
Heru Set**



**Daniel Chris**



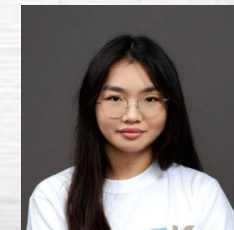
**Natalie**



**Carrie**



**Nina**



**Sunny**



# Study Publication

Open access

Original research

BMJ Health & Care Informatics

## Taipei Medical University Clinical Research Database: a collaborative hospital EHR database aligned with international common data standards

Phung-Anh Nguyen <sup>1,2,3</sup> Min-Huei Hsu,<sup>4,5</sup> Tzu-Hao Chang,<sup>3,6,7</sup> Hsuan-Chia Yang <sup>3,6,7,8</sup> Chih-Wei Huang,<sup>6,7</sup> Chia-Te Liao,<sup>9,10,11</sup> Christine Y. Lu,<sup>12,13,14</sup> Jason C. Hsu<sup>1,2,3,15</sup>

**To cite:** Nguyen P-A, Hsu M-H, Chang T-H, *et al.* Taipei Medical University Clinical Research Database: a collaborative hospital EHR database aligned with international common data standards. *BMJ Health Care Inform* 2024;**31**:e100890. doi:10.1136/bmjhci-2023-100890

► Additional supplemental material is published online only. To view, please visit the journal

### ABSTRACT

**Objective** The objective of this paper is to provide a comprehensive overview of the development and features of the Taipei Medical University Clinical Research Database (TMUCRD), a repository of real-world data (RWD) derived from electronic health records (EHRs) and other sources. **Methods** TMUCRD was developed by integrating EHRs from three affiliated hospitals, including Taipei Medical University Hospital, Wan-Fang Hospital and Shuang-Ho Hospital. The data cover over 15 years and include diverse patient care information. The database was converted to the Observational Medical Outcomes Partnership Common

### WHAT IS ALREADY KNOWN ON THIS TOPIC

⇒ Existing knowledge encompasses the increasing use of digital solutions in healthcare, the importance of real-world data (RWD) for generating real-world evidence, and the limitations of traditional clinical trials with limited participant diversity.

### WHAT THIS STUDY ADDS

⇒ This study presents the development and features of the Taipei Medical University Clinical Research Database (TMUCRD), highlighting its extensive collection of RWD spanning multiple hospitals over a

April 12, 2024

# Special Speech from OHDSI Global (1)



**TAIPEI MEDICAL UNIVERSITY**  
臺北醫學大學

**Opportunities for Global Real-World Data and Evidence to Contribute to Human Health in the Era of Artificial Intelligence**



**Mui Van Zandt**  
Vice President/Global Head of Data Strategy, Access, and Enablement at IQVIA

**Date** 2024/4/12 10:00-12:00

**Place** Multifunction Seminar Room(1140) in the College of Management, Shuang-Ho Campus

**Speaker:**

**Mui Van Zandt** (Vice President, Global Head of Data Strategy, IQVIA)

**Organizers:**

Taipei Medical University, OHDSI Taiwan Society

**Time:** Friday, April 12, 2024

**Venue:** Shuang-Ho Campus, TMU

**Participants: Online: 67, In-person: 28, Total: 95**



May 23, 2024

# Special Speech from OHDSI Global (2)



**TAIPEI MEDICAL UNIVERSITY**  
臺北醫學大學

## The future of real-world evidence in pharma

Online Speaker:  
**Martijn Schuemie**

- a Research Fellow at Johnson & Johnson
- a visiting scholar at the Biostatistics Department at UCLA

May 23 15:10-16:00 **Registration URL**

**COMING SOON**



Speaker:

**Martijn Schuemie**

(Research Fellow, Epidemiology Analytics  
Janssen Research and Development)

Organizers:

Taipei Medical University, OHDSI Taiwan Society

Time: Thursday, May 23, 2024

Venue: Shuang-Ho Campus, TMU

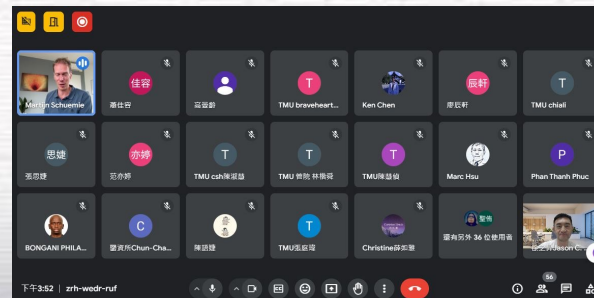
**Participants: Online: 82**



**My timeline**

- 1975 Birth
- 1983 First computer program
- 1988 MSc in Business Economics. Master's thesis: Associative Concept Space
- 2003 PhD in computer science. Dissertation: Virtual Reality Encouraging Positive Learning in Biomedical Research
- 2007 R3-ADIS project, shift to pharmacoepidemiology (Assistant Professor)
- 2012 Observational Medical Outcomes Partnership (OMOP) Senior Researcher at Columbia University Johnson & Johnson
- 2014 Observational Health Data Science and Informatics (OHDSI) Honorary Assistant Professor at Hong Kong University

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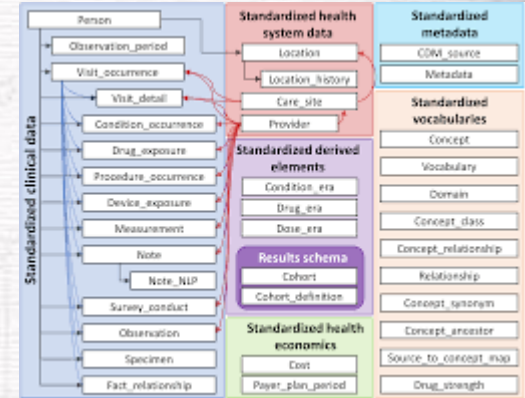
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July, 2024

# OHDSI Taiwan Society Activity



## OHDSI OMOP CDM Study Workshop at Hsin Kuo Min Hospital



Oct 6, 2024

# OHDSI Taiwan Society Activity



## 2024 Health Data Science Symposium Agenda



**Rae Woong Park**  
(Korea)



**Mengling Feng**  
(Singapore)

Oct 6, 2024

# OHDSI Taiwan Society Activity



## 2024 Health Data Science Symposium Agenda





Oct 6, 2024

# OHDSI Taiwan Society Activity



## Election of directors and supervisors of OHDSI Taiwan Society



August, 2024

# Support **OHDSI Vietnam Chapter**



**Quang Ninh General Hospital**  
Quang Ninh province, Vietnam



**Bai Chay Hospital**  
Quang Ninh province, Vietnam

August, 2024

# Support **OHDSI Vietnam Chapter**



August, 2024

# Support OHDSI Vietnam Chapter



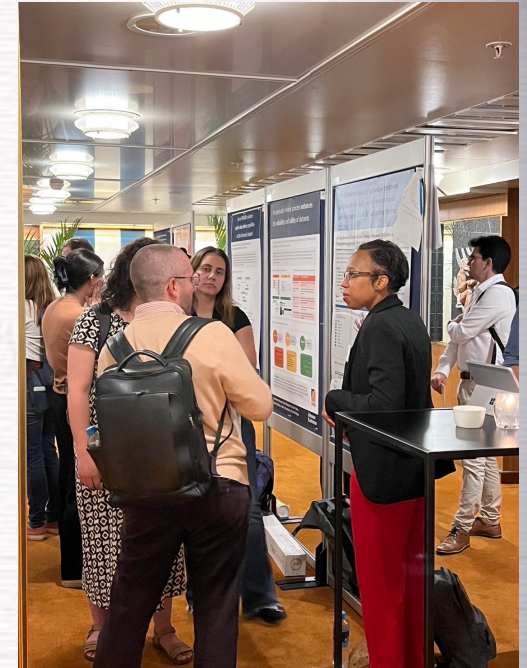
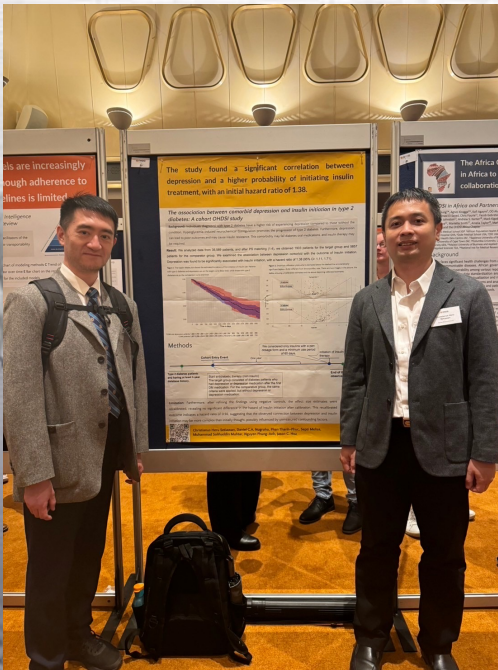
June 1-3, 2024

# Join OHDSI EU Symposium (Netherlands)



June 1-3, 2024

# Join OHDSI EU Symposium (Netherlands)



Oct 21-22, 2024



# Join OHDSI Global Symposium (USA)



Oct 21-22, 2024

## Join OHDSI Global Symposium (USA)





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**[www.OHDSI-Taiwan.com](http://www.OHDSI-Taiwan.com)**



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**Thanks for your listening!**

