### MAR 2024 | MONTHLY ISSUE

# **CSMPR** Newsletter

### UNVEILING THE LATEST UPDATES AND INSIGHTS

INSIDE THIS ISSUE: Special Highlight | Recently Published/Accepted Papers | Meeting New Members | Farewell to Outgoing Member | Past Event

# <u>Special Highlight</u>

A team of CSMPR researchers had fruitful exchanges with collaborative hospitals and institutions in the Greater Bay Area on big data in healthcare, health economics, the latest eHR development, and many more. The trip was held on 17-20 March.



Meeting Prof. Jie Jiang and his team from College of Pharmacy at Jinan University in Guangzhou



Visiting The University of Hong Kong Shenzhen Hospital (HKU-SZH)



Having discussions with the team at Centro Hospitalar Conde de São Januário in Macau

# **Recently Published/Accepted Papers**

**Yi Chai, Kenneth Man** | Epidemiology and Psychiatric Sciences

## Incidence of mental health diagnoses during the COVID-19 pandemic: a multinational network study

(See publication here)

Yin Zhang, Eric Wan | Clinical Oncology

## Decline in Cancer Diagnoses during the 'Zero COVID' Policy in Hong Kong: Indirect Spillover Impact of the COVID-19 Pandemic

(See publication here)

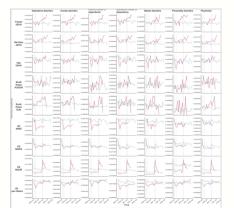
Francisco Lai, Vincent Yan, Eric Wan | iScience

COVID-19 vaccine effectiveness against the Omicron variant of SARS-CoV-2 in multimorbidity: a territorywide case-control study

(See publication here)

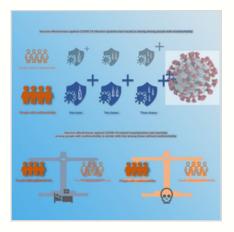
Adrienne Chan, Gao Le | Nature Medicine

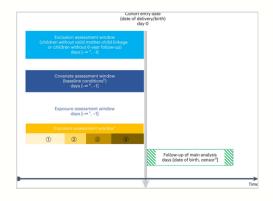
Maternal diabetes and risk of attention-deficit/hyperactivity disorder in offspring in a multinational cohort of 3.6 million mother-child pairs





 Missed cancer diagnoses reflect the indirect spillover impact of the pandemic and may lead to future service demand.





(See publication here)

Celia Lin | European Heart Journal - Digital Health

**Development and validation of risk** prediction model for recurrent cardiovascular events among Chinese: the Personalized CARdiovascular **Disease risk Assessment for Chinese** model

(See publication here)

**CL Cheung** | Osteoporosis and Sarcopenia

## Asia-Pacific consensus on long-term and sequential therapy for osteoporosis

(See publication here)

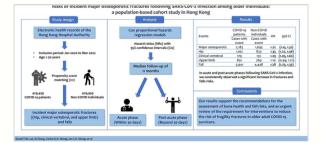
Xi Xiong | Endocrine Practice

**Risk of incident thyroid dysfunction** in the post-acute phase of COVID-19: a population-based cohort study in Hong Kong

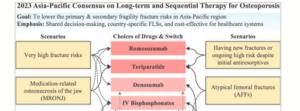
(See publication here)

**Xi Xiong** | Journal of Bone and Mineral Research

**Risks of incident major osteoporotic** fractures following SARS-CoV-2 infection among older individuals: a population-based cohort study in Hong Kong



Cey Finding Fake Home Message nent and validation of risk prediction me Hong Kong (HK) )→**Č** Vsualise change of 10-year CVD risk to patients for easier Doctor-Patient communication P-Cardiac 🗞 🛔 🕷 CARDIAC We aim to automate the process of data entry (such as plug-ins or APIs) by leveraging the readily available EHR for clinical maccament showed modest discrimina calibration with 0.69 C sta TRS-2'P and SMART2 we



**Oral Bisphosphonates** SERMs

Monitor & Resume

AOMs treats if risks are elevated Completion of anaboli

→ Optimal choices → Alternatives → If inadequate res

Log in Endocrine Practice" sk of incident thyroid dysfunction in the post-a ased cohort study in Hong Kong

#### Highlights

Drug holidays

- · This populat ed cohort study evaluated the risk of in ing SARS-CoV-2 infection in the post-acute phase, with a median follow-up of 10 months
- There was no si ase in the risk of in acute phase of SARS-CoV-2 infection among patients with before or during the acute phase of SARS-CoV-2 infection. out thy
- Consistent results were observed for the long-term effects of SARS-CoV-2 infe the incidence of diagnosed thyroid dysfunction when stratified by age, sex and vaccination status.

(See publication here)

## **Meeting New Member**

A very warm welcome from the whole CSMPR team to our new member!



NICOLE WU

**G** Greetings! I'm Nicole Wu, stepping into Lydia's role at CSMPR. I have a passion for watching documentaries, sports, and animations. Music is my constant companion, and I love immersing myself in different languages. Thrilled to join the team and contribute! **99** 

# **Farewell to Outgoing Member**

**Lydia Fung** joined CSMPR four years ago, under the supervision of Prof. Esther Chan. She had been assisting in various research works and the daily operations of our centre. Lydia has decided to pursue further studies.

We extend our heartfelt appreciation to Lydia for her contributions and wish her all the best in her future endeavours!



## <u>Past Event</u>



**Prof. Celine Chui** was invited to be one of the presenters at the webinar of International Society for Pharmacoepidemiology (ISPE). She presented on **"A Comprehensive Look at Electronic Health Record Databases in Asia"** on 13 March.

The webinar aimed to provide an overview of electronic health record (eHR) databases in Asia and foster cross-continental international collaboration using these respective databases.

#### About CSMPR

Centre for Safe Medication Practice and Research (CSMPR) was established in 2012 to foster research and development in medication safety in collaboration with local and international partners.

The mission of the CSMPR is to improve the health and quality of life of patients through interdisciplinary collaborative research that addresses questions central to medication safety. We focus on delivering innovative results that optimise the safe and effective use of medications. Drawing on the combined expertise of specialist resources from the Queen Mary Hospital (QMH), The University of Hong Kong (HKU) and other collaborative partners, the CSMPR provides a world-renowned platform for the training of health care professionals, patients and the general public on the safe and effective use of medications.

Our aim is to deliver high quality research with results relevant and applicable to health in real world settings, thus optimising and promoting the safe and effective use of medicine in Asia and beyond.

