



**DR. BEI WU**

Vice Dean for Research and Dean's Professor in Global Health  
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### Optimizing Health Outcomes for Individuals with Dementia and Caregivers: Cultural Adaptation and the Integration of AI in Behavioral Interventions

This presentation covers two key areas. Firstly, it addresses the existing landscape of randomized clinical trials aimed at enhancing health outcomes for dementia caregivers within white populations in the U.S. Recognizing the need for cultural sensitivity, there is a call for the development of evidence-based interventions tailored specifically to the unique requirements of Asian American populations. The session will showcase a culturally adapted intervention model designed to improve health outcomes for Chinese and Korean American dementia caregivers with multiple chronic conditions.

Secondly, with the increasing prominence of technology and artificial intelligence, this presentation explores the potential integration of AI into behavioral interventions. It sheds light on how leveraging AI can improve health outcomes for both individuals with dementia and their caregivers. Additionally, the session offers insights into the design and implementation of pragmatic trials within this evolving field.



**PROFESSOR DORIS YU**

Chair in Research  
School of Nursing LKS Faculty of Medicine  
The University of Hong Kong

### Advancing family support to patients with end-stage heart disease in the Era of Digital Transformation in Healthcare

Health digitalization offer new opportunities to enhance the family support to older adults with more vulnerable chronic condition after hospital discharge. In this seminar, the speaker will introduce a digital transitional care model titled as "Technology-based family-centered empowerment" (T-FamE) transitional care program for older adults with heart failure. Heart failure is the most common cause of hospital readmission within 28 days in Hong Kong and beyond. To tackle this door-revolving phenomenon, close health monitoring, enhanced self-care with the support from the family, and prompt healthcare advice and support are needed. The over-stretched healthcare service, however, limits the accessibility of such transitional care.

The 12-week nurse-implemented T-FAME program was delivered via an interactive mobile Apps which had six major interface to enhance health monitoring, goal-oriented self-care enhancement, navigation to personalized health condition, disease maintenance and medication management, and two-way real-time access to nurse. Three monthly nurses' visits were offered to tailor the family-centered disease management to the patients stage of post-discharge recovery. A multi-site clinical trial was conducted, and the speaker will share the effects of T-FamE on patients' and caregivers' outcomes. The translation potential of the care model will be discussed.



Scan QR code to register

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- **DATE**  
March 20, 2024
- **TIME**  
3:00-5:00PM

- **VENUE (OR VIA ZOOM)**  
Social Sciences Chamber, 11/F,  
The Jockey Club Tower, Centennial Campus  
The University of Hong Kong



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