

## PS10.4 Technology Advancement and Innovation

13:15 Room 423 &amp; 424

**Apps Based Training via Technology – Application in Occupational Therapy***Chan DYL<sup>1</sup>, Chan KL<sup>2</sup>, Ng SW<sup>2</sup>, Cheung TY<sup>1</sup>, Choi YS<sup>3</sup>, Au KM<sup>4</sup>**<sup>1</sup>Occupational Therapy Department, Kowloon Hospital, Hong Kong**<sup>2</sup>Community Rehabilitation Service Support Centre, Kowloon Hospital, Hong Kong**<sup>3</sup>Occupational Therapy Department, Princess Margaret Hospital, Hong Kong**<sup>4</sup>Occupational Therapy Department, Tai Po Hospital, Hong Kong*

In recent years, occupational therapists (OT) of the Hospital Authority (HA) have been using “Apps” to enhance home programme compliance. Some examples were: the “Breathe Right Apps” for chronic obstructive airway diseases; the “Support Employment Apps” for job matching; the “Wrist Sensory Cue Watch” as a reminder for stroke home programmes; the “Chinese Calligraphy Apps” to improve cognitive and emotional calmness of patients. There are also some ideas of cognitive Apps to support patients to develop a brain training habit to enhance cognitive function in handling daily functional tasks. However, these initiatives were ad hoc funded projects with difficulty to sustain, and the captured data were not connected to HA Clinical Management System (CMS).

In 2017, the Coordination Committee on Rehabilitation Service at HA coordinated a multidisciplinary group for a pilot run of mobile Applications. Allied Health Information Technology (AHIT) Committee, Information Technology and Health Informatics Team, OT and Clinical Psychologist (CP) of HA were invited to join the project. This is a big step that ideas of clinicians can be supported at HA level. However, further team work on clinical ideas, practical consideration of technology support, funding support will be needed to make our dream comes true – a one stop monitoring platform (CMS) in HA system for application of apps to improve clinical service.