

Application of a Multi-Purpose Mobile Training Station to enhance the Quality and Safety to patients in Occupational Therapy Department



SIT Kitty Lok Mun

Occupational Therapist | Occupational Therapy Department | Tai Po Hospital

Background

Overview on healthcare service provision in HK

Impact on OT service provision

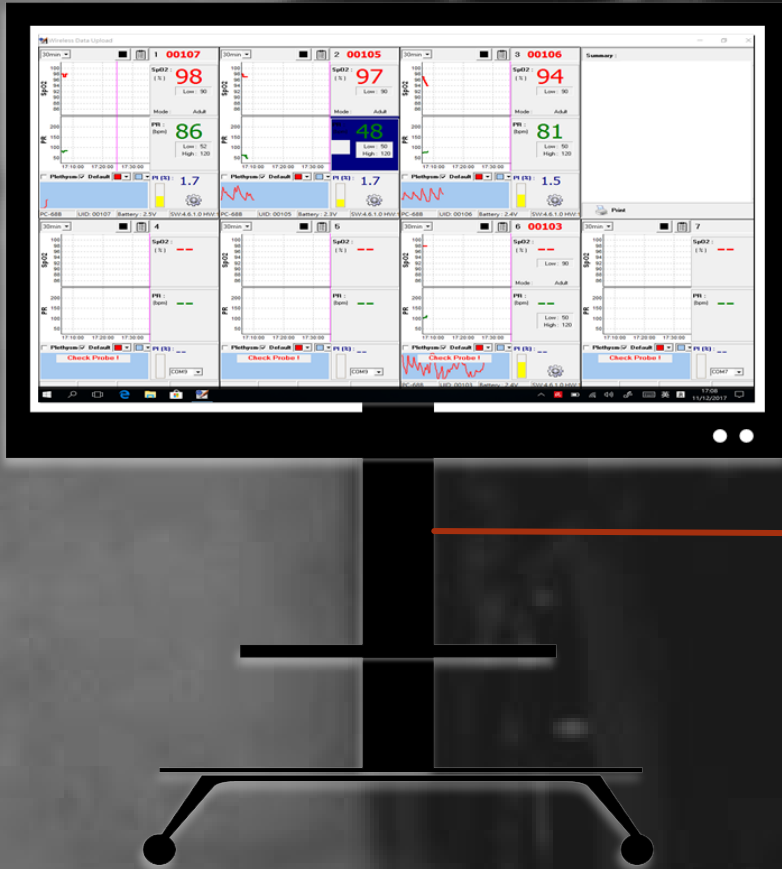
Increased fragility and co-morbidities in elderly due to longer life expectancy

Increased admission rate of elderly to hospital, increase service demand, shorter LOS, higher turnover

Close monitor of patients' condition during training is important due to patients' fragility

High flow of patients to OT training, patients longer waiting time to change activity

The Multi-purpose Mobile Training Station



SmartTV connected to tablet PC, mounted on mobile trolley

Tablet PC installed with patient monitoring system, apps and other AV materials

The station was trial used on patients and a preliminary study was conducted

Results

↑ Compliance rate of therapists to monitoring patients' vital signs

Patients' safety are enhanced during training

↑ Accuracy in correct data recording

Facilitates correct patient identification and documentation

↓ interval waiting time for patients to change from one activity to another

Reduces patients' idling time during OT training and increase cost-effectiveness of our service

“The multi-purpose training station could be one of the directions for implementation of hi-tech innovative in daily practice to enhance patients safety and improve service quality”

Conclusion