Comprehensive Fall Prevention Strategies in Occupational Therapy Department of SH

**Keywords:**
- Fall Prevention Strategies
- Patient safety

**Introduction**
Reducing incidence of fall in hospital has been a focus in enhancing clinical safety and quality services. OT Department of SH developed a series of fall prevention strategies since 2015 to reduce patient's fall risk in OT Department.

The strategies include:
- Establishment of Fall Working Group for continuous evaluation and improvement in fall prevention strategies
- Regular review on fall prevention guideline and workflow of fall prevention procedure
- Incorporation of fall alert in The Patient Monitoring and Scheduling System (PMS) during department-based training to provide accurate fall prevention measures
- Redesign of floorplan of training workshops to minimize environmental hazards and facilitate smooth workflow during training
- Introduce induction program and refresher program to ensure that all staff should understand the fall prevention management strategies
- Monthly fall audit to evaluate the compliance of staff to fall prevention strategies
- Regular Fall Drill to ensure prompt and accurate management towards potential fall incidence

**Objectives**
To evaluate:
- The effectiveness of department-based fall prevention strategies in reducing fall incidence in training workshop
- The compliance of fall prevention strategies in all training workshop

**Methodology**
The number of fall incidence in OT Department before and after adopting department-based fall prevention strategies will be compared. Monthly fall audit results in 2017 will be analyzed.

**Result**
Before adopting department-based fall prevention strategies, there were 1 and 5 fall
incidences in 2014 and 2015 respectively. After implementation of fall prevention strategies, there was no fall incidence in 2016 and 2017. In fall prevention monthly audit, therapists showed 97% compliance in initiating fall alert. Supporting staff showed 92% compliance in implementing fall prevention measures to patients. The number of fall incidence was markedly reduced after implementing a series of department-based fall prevention strategies. The comprehensive fall prevention strategies were shown to be an effective measure in reducing fall incidence.