



**Service Priorities and Programmes**  
**Electronic Presentations**

**Convention ID:** 1304

**Submitting author:** Ms Wing Shan Sandy Leung

**Post title:** Advanced Practice Nurse, PYNEH, HKEC

**A Skills Practice Reinforcement On Updated Techniques & Standards (SPROUTS) Program To Uplift The Competency Of Nurse Graduates In Pamela Youde Nethersole Eastern Hospital (PYNEH)**

*Leung WSS(1), Yee WS(1), Yang SFA(1), Chan SKL(1)*

*(1) Nursing Services Division, Pamela Youde Nethersole Eastern Hospital*

**Keywords:**

Competency

Nurse Graduates

Hands-on Training

Chest Drain

Tracheostomy

Peritoneal Dialysis

**Introduction**

Handling patients with Chest Drain, Tracheostomy and Peritoneal Dialysis are always challenging for new nurse graduates. However, a well-established system for ensuring professional competence after qualifications is not in place, therefore a new way of learning through hands-on clinical scenario based training was established to consolidate the nursing skills of nurse graduates in PYNEH.

**Objectives**

(1) To provide concise lecturing & hands-on clinical scenario based training with key practical tips under an interactive learning environment to build on nurse graduates advanced skills and competencies focusing on Chest Drainage Care Underwater Seal, Tracheostomy Care and Peritoneal Dialysis Management. (2) To learn from others' experiences, incidents sharing and feedbacks through group discussions with peers. (3) To obtain encouragement, coaching and professional development support through discussion with clinical preceptors and nurse trainers.

**Methodology**

All PYNEH nurse graduates (including both RNs & ENs) in Year 2017 were recruited in this program. The program consists of total 3.5 hours covering 3 topics which included Chest Drainage Care- Underwater Seal; Tracheostomy Care and Peritoneal Dialysis Management. All these topics were led by Nurse Consultants and Nurse Specialists, and supported by part-time clinical preceptors and senior nurse trainers in Nursing Services Division (NSD). There were around 20 participants each session, they will be divided separately into 4 stations, with the advantage of small group learning, each participant could have a chance to perform skill-based task individually in each station and assessed by nurse trainers.

**Result**

#### Results:

A total of 6 sessions were held between November 2017 and January 2018, a total number of 118 nurse graduates had joined the program. 99% (117/118) of the participants agreed that SPROUTS Program has met its stated objectives; while 97% (115/118) of them agreed that the delivery mode was appropriate. 99% of the participants agreed that their confidence level has been upgraded after attending SPROUTS Program (Chest Drainage Care: 117/118(99%); Tracheostomy Care: 117/118(99%); Peritoneal Dialysis Management: 117/118(99%)); and more than 97% of participants agreed that their competence level has also been upgraded after SPROUTS Program (Chest Drainage Care: 116/118 (98%); Tracheostomy Care: 114/118(97%); Peritoneal Dialysis Management: 117/118(99%)).

#### Conclusions:

SPROUTS Program provided a new mode of learning experiences to nurse graduates through small groups' hands-on clinical scenario based training and incident sharing. The program has successfully boosted up both their confidence and competence level on handling Chest Drainage Care, Tracheostomy Care and Peritoneal Dialysis Management. Furthermore, more advanced skills, such as Central Line Care, Ventilator Care and Hickmann Line Care, were suggested by participants to add into SPROUTS Program in the future.