



## Service Priorities and Programmes Electronic Presentations

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**Submitting author:** Ms pang shuk yi

**Post title:** Advanced Practice Nurse, Ruttonjee & Tang Shiu Kin Hospitals, NULL

### **CQI Project: Enhancing Frontline Nurse's Skills on Wound Assessment in RHTSK**

*Pang SY*

*Department of Surgery, Ruttonjee & Tang Shiu Kin Hospital*

#### **Keywords:**

nursing knowledge

wound assessment

#### **Introduction**

In order to improve the frontline nurse's knowledge and skills in wound assessment and documentation, a CQI project is initiated by the RHTSK Wound Nursing Management Team in 2015.

#### **Objectives**

- To evaluate present RHTSK frontline nurses' knowledge in wound assessment.
- To develop new tools for wound care planning & charting.
- To provide training session on wound assessment & new tool for wound charting.
- To enhance nurse's knowledge on wound assessment after training.

#### **Methodology**

1. Target: -All front line nurses in RHTSK 2. Duration: -February 2015 to October 2015 3. Interventions/Tools: -Designed 2 new wound care records -3 open training session to all nurses -Designed 1 education reference booklet : Guide for PU staging & wound bed assessment 4. Data Collection & Evaluation tool: -Pre & post interventions questionnaire survey: Compare frontline nurse's wound bed assessment with team member's assessment, to be done by team members in different ward areas during on-site wounds round. -Pre-interventions on-site questionnaire survey with 30 random sampling of frontline nurses completed before April 2015 -Post interventions on-site evaluation survey with 30 random sampling of frontline nurses collected three month after implementation in July 2015.

#### **Result**

Results (1): 3 training session completed in 17, 19, 26 of March Total participants: 268 nurses Course evaluation: 1. Lecture had achieved its stated objective:94.5% 2. The depth of the content is appropriate:94% 3. The lecture content is practical in workplace:95.6% 4. The speakers are enhancing your learnings:94.6% 5. Satisfy the lecture as a whole:93.4% 6. Recommend the lecture to others:94% Result(2): Pre -interventions survey • 1. Total no of staff: 30----25 RN, 5 EN • 2. Years of graduate: 1-4 yrs: (12),4-7 yrs (8), 8-11yrs(5), >11yrs (5) • 3. Attend wound care training within 2 years----Yes (10), No (20) • 4. Pre -interventions survey on nursing staff's wound assessment skills: • 5. Difficulties

in wound assessment: 1. difficult in assessing complicated wound (16)  
 2. multiple wounds(22) 3. irregular shape of wounds(5) 4. lack of  
 knowledge(15) 5. identify of different wound types(8) 6. not know  
 of any reference guidelines(13) 7. lack of trainings(16) Result(3):  
 Post –interventions survey • 1. Total no of staff: 30----22 RN, 8 EN • 2. Years of  
 graduate: 1-4 yrs: (8),4-7 yrs (10), 8-11yrs(9), >11yrs (3) • 3. Attend wound care  
 training within 2 years----Yes (8), No (22) • 4. Attend wound care training in March:  
 30 • 5. Pre & Post interventions survey on staff's wound assessment skills: • 6.  
 Do you think the reference guide help you in improving the skills in wound  
 bed assessment?-----Yes (30), No (0) • 7. Other Comments: -Need regular  
 training (15) -Require Onsite case sharing (10) -Want to learn wound care products  
 (20) -Want to learn other aspects in wound care(4) Conclusion &  
 Recommendation: • 1. Frontline nurses' difficulties in performing wound assessment  
 were identified. • Skills on wound assessment of frontline nurses improved after the  
 use of new wound care records & attended the training sessions. • 2. Nurses agreed  
 the use of reference guide booklets is also helpful in improve their skills in wound  
 assessment. • 3. Regular continuous trainings on different aspects of wound cares  
 are vital to strengthen frontline nurses' skills on wound cares in the future.