



## Service Priorities and Programmes Electronic Presentations

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### **Enhancing burn nursing staff understanding in specific burn regions**

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#### **Keywords:**

burn nursing care

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#### **Introduction**

Burn nurse often need to encounter different etiology or location of acute burn. It often requires special nursing care to specific burn region. Each area needs special attention and meticulous nursing care to prevent undesirable complication. Improvement of knowledge and competency against acute burn nursing care should be emphasized in adult burn unit.

#### **Objectives**

To enhance competency of burn nursing colleagues in handling different burn region at acute burn phase.

#### **Methodology**

Classroom teaching and skill demonstration session were delivered to adult burn surgical nursing colleagues from December,2016 to January,2017 in adult burn unit, Queen Mary Hospital.

A3 size and pocket guide of clue card regarding to acute burn nursing care were prepared and distributed to all nursing staff for reference.Total 18 burn surgical nursing colleagues were involved in this burn enhancement program.List of 16 questions regarding to different burn regions were designed as a assessment tool. Pre and Post Test method was used to assess nurses' knowledge before and after implementation of enhancement session. Self-rating scale (10-point Likert scale) was also used to evaluate nurses'self perception of knowledge on acute burn nursing management.

#### **Result**

Regarding to 16 designed questions about specific burn regions, paired t-test was used to evaluate the effectiveness of the enhancement program. There is 39.4% improvement (+2.28 to +4.83) in knowledge of acute burn nursing care after teaching session. (Pre test mean score=8.56+/-2.01; Post test mean=12.11+/-1.78)( $p < 0.001$ ) Burn nursing staff showed 42.3 % more self rated competency in managing acute burn care.(Pre-Test Mean=5.27; Post Test Mean=7.5).

Burn nursing staff could gain higher competency and knowledge in managing acute burn nursing care for specific regions after this enhancement program.