

To Enhance Drug Administration Safety by Tackling the Major Contributing Factors of Drug Administration Incidents

Presented by

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During the past few years, a few major contributing factors for drug administration incidents were identified by Root Cause Analysis, including:

- Drug knowledge deficit
- Non-compliance with 3 Checks 5 Rights medication administration procedures
- Distraction
- Inadequate clinical supervision

Follow up strategic actions were planned and implemented to tackle the contributing factors to enhance the drug administration safety in Prince of Wales Hospital.



1. Medication Safety Related Training

All the newly recruited nurses should demonstrate competency in administration of medication with In-Patient Medication Order Entry (IPMOE) System before drug administration independently.

IPMOE Training Workshop



iLearn@NTEC



An IPMOE iLearn Course with clinical assessment was live run in May 2016

2. Knowledge update

3 Checks 5 Rights Quiz



All nurses attained 100% correctness in Sept 2016

NTEC 3Checks 5Rights Quiz 2016



(From Aug to Sep 2016)

PWH CND
Aug 2016

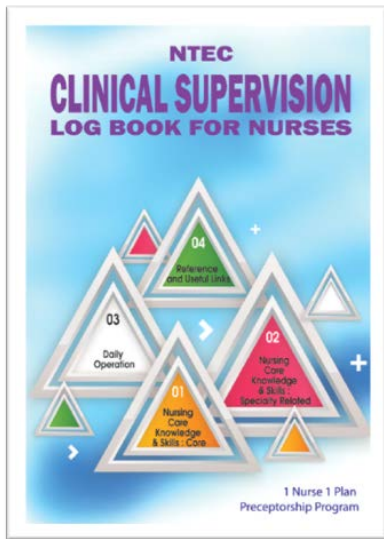
iDrug Book



>1500 nurses completed and passed the iDrug Quiz in 2016

3. Clinical Supervision and Protected Time for Drug Administration

Log Book



One-to-one coaching in the preceptorship program

Guideline

- **Guideline on Clinical Supervision for Temporary Undergraduate Nursing Students (TUNS) in NTEC was developed**
- **A job list of TUNS available**
- **Medication administration with the presence of qualified staff**

Protected Time

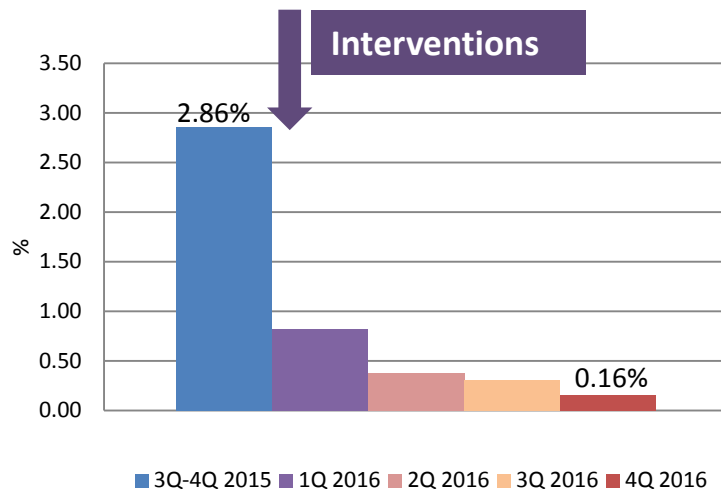
Full nursing manpower during drug administration round for enhancing medication safety

Audit in 2016

4. Outcome

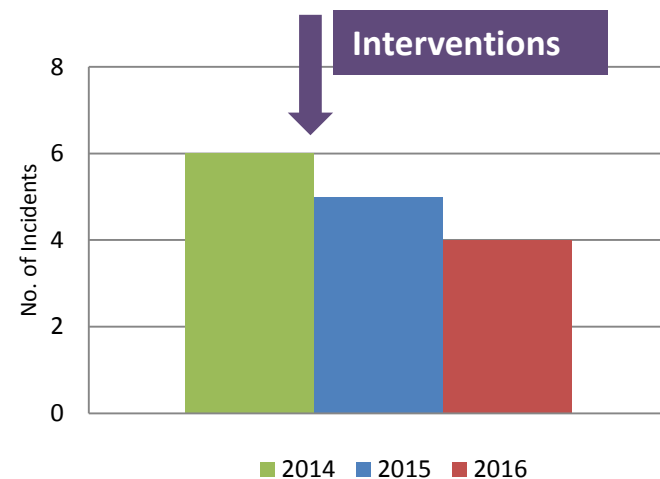
Enhancing proper use of IPMOE system

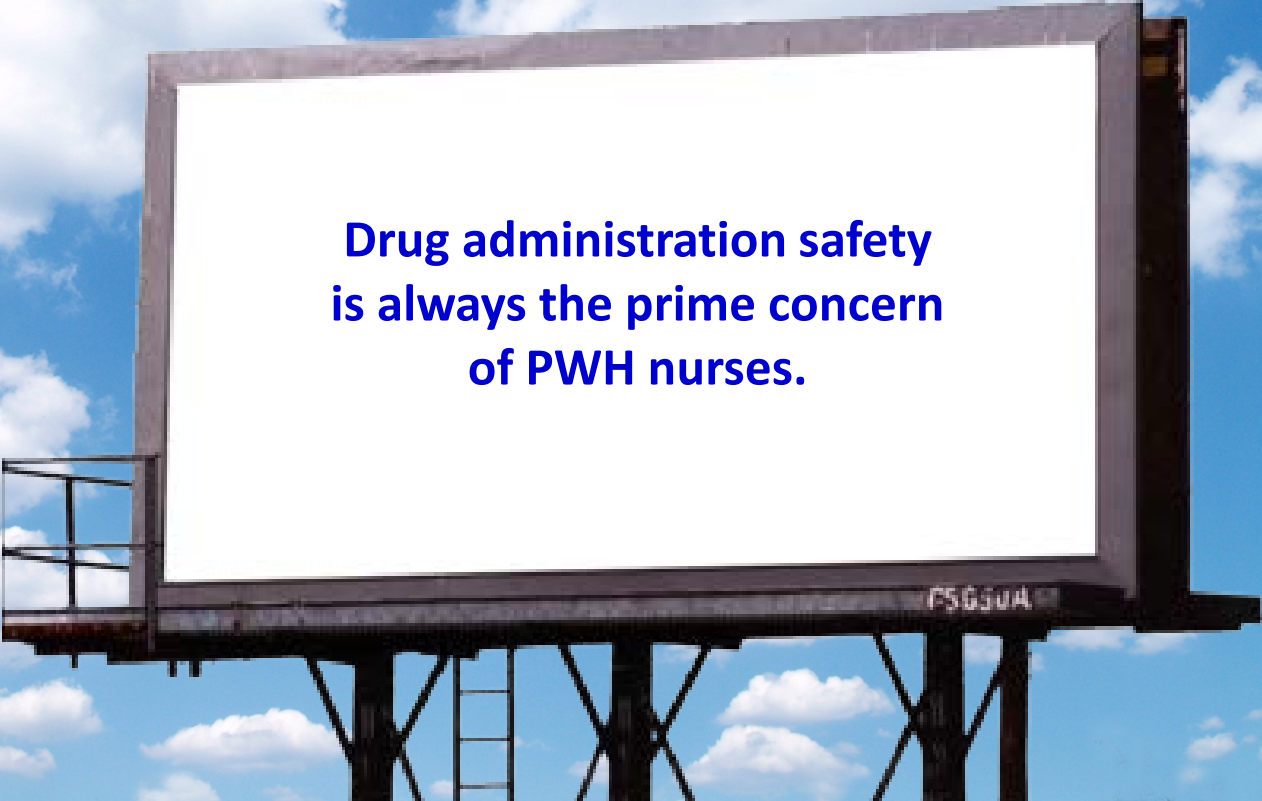
Decreasing episodes of no wristband scanning



Decreasing SUE

Decreasing Serious Untoward Event (SUE) Medication Incidents





**Drug administration safety
is always the prime concern
of PWH nurses.**