



#### D-Wayne and Wayne:

# How two 'men' changed competency attainment for an Orthopaedic unit.

Donna McLean Nurse Educator – Princess Alexandra Hospital Orthopaedic unit

Great state. Great opportunity.







## The Beginnings

 D-wayne was on loan from another unit



- Being used for a variety of reasons
- Initially used in the unit for deteriorating patient scenarios
- Looked at expanding his scope with the idea to condense mandatory competency processes







## Aim

- To streamline education within the unit utilising simulation based education (SBE)
- Opportunity to integrate multiple learning events into the care of a 'patient'









This project was possible due to funding made available by Health Workforce Australia.

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# Background

- Orthopaedic unit has a large number of competencies to be achieved
- Large volume of staff with various FTE
- Static competency framework within the hospital
- Resource allocation difficult
- D-wayne & Wayne

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#### Frustrations



- Time taken for competency attainment was excessive
- Number of competencies to be achieved also excessive
- Limited or no ability to transfer the knowledge meaningfully
- Mostly only evaluating knowledge, rarely skill
- Currently not evaluating many crucial skills in a meaningful way within units



## Other benefits

- Other skills not usually measured:
  - Care of the deteriorating patient
  - Effective communication
  - Teamwork
  - Critical thinking
  - Stress performance









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## Paper vs. Plastic vs. Latex

- Realistic patient scenarios
- Realistic timeframes and workplace influences
- Teamwork skills vital to success
- Driven by unit and team demands
- Forced 'compliance'







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Australian Government Initiative



# **Time limitations**

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Time taken (in Hrs)

- Basic Life Support
- Ist Response Fire Evacuation
- General Fire Evacuation
- Manual Handling
- Patient Handling
- Blood Transfusion Safety

- 20+ hours for basic competencies
- Much longer for unit specific competencies
- Limited opportunity to transfer knowledge into practice meaningfully









#### Results



 15%
improvement in mandatory
competencies

- • 45%
   improvement in
   time taken
  - Other evaluative factors included

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#### Where to from here?





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# Thank You

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- D-Wayne & Wayne





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#### Questions?





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