# Contextualising medication management by the use of technology



TechEx
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Medication Management is considered a cornerstone of safe nursing practice. Therefore it is imperative that nurses are able to demonstrate the ability to safely and accurately calculate, dispense, administer medications and critically reflect on medication management activities.

What's it all about:

– innovative use of graphic design, technology based assessment materials and the contextualisation of unit content through interaction in conjunction with clinical reasoning, promotes learning and retention of medication management principles for undergraduate nursing students

# The problem

- – Poor 'Evaluate' reports for successive semesters
  - – Need for more hands on
  - – Need more pharmacology

- – MyLO site disorganised

- – Much of the content not relevant not  (certainly to undergraduate students)

- – Too many lecture slides and lectures

- – Not considered interactive

- – Case study difficult to follow

- – Not enough time to practice

# The Challenge

- – More interactive, hands on and contextual

- – Lectures!!!, different delivery style

- – Use of up to date technology

- – Redesign Mylo site (more contemporary and functional)

- – Themes for each week (in context)

- – Transferable resources (lets not waste them)

- – Incorporate 'Clinical reasoning'

- – Incorporate 'Proportional Reasoning'

# The outcome

## Assessment in context and remediation that is student driven

- Redesign of learning platform

- Focus on student led learning

# The outcome

## Assessment in context and remediation that is student driven

– Practice quiz: incorporating proportional reasoning

– Criteria for pass was 100% (all or nothing): get it wrong potentially someone dies

# The outcome

**Assessment in context and remediation that is student driven**

– Content delivery in a different way

– Clinical Reasoning in context

# The outcome

**Assessment in context and remediation that is student driven**

– Keeping the students on track

– Weekly pre topic YouTube clip

– Video and written assessment prep



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