

Classroom collaborative Team-Based Learning: a model for 21st century education?

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Aim presentation

Tell my journey using this innovative teaching approach

✓ BU ethical approval





Background

Care of Client with Acute and Long terms condition

How can we contextualise nursing knowledge in the University classroom setting?

Placement pressures.....



TBL session

 Team based Learning seminar (flipped classroom) on caring for people with respiratory disorder

- Collaboration between academic nurses and respiratory specialist NHS staff
- Aim was to narrow the theory-practice gap
- Delivered to around 250 student nurses across two sessions

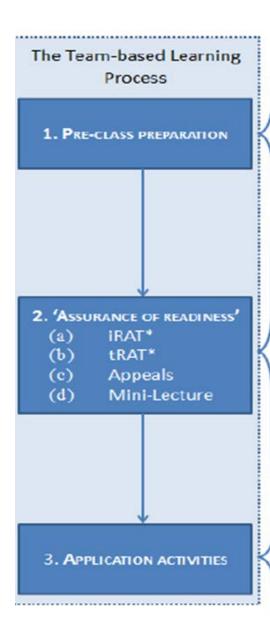


3 Questions focusing upon Collaborative TBL

- 1. Improve students' confidence in understanding material presented?
- 2. Associated with improved examination performance?
- 3. Student feedback v traditional teaching?



Process



The Collaborative Team-based Learning Seminar

- Online activities to revise respiratory A&P
- Recorded lecture and recommended reading on pathophysiology/nursing care for COPD and asthma
- Students answered 15
 multiple choice questions
 first as individuals
 (iRAT) then agreed
 answers to the same
 question in teams of 5-7
 students (tRAT).
- Students could 'appeal' if they disagreed with the wording or answer but needed to back this up with evidence
- A mini-lecture addressed knowledge gaps

Following the '4 S'
Framework*, student teams
applied their knowledge
making clinical decisions for
two patient case scenarios



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Subject		ect				Total
SCRATCH OFF COVERING TO EXPOSE ANSWER						
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Staff contribution

Involvement of nurse academics greatest in the overall design including all teaching materials

Involvement of NHS staff greatest in the facilitation of case studies based on their own caseloads

Student Feedback



What students said they enjoyed/benefited their learning (n=168)



What students said they would change (n=110)



Does collaborative TBL environment improve students' confidence in understanding the material presented?

- Bristol on-line survey
- Questions focused
- Confidence in knowledge
- Confidence in providing care
- SPSS Statistics



Collaborative TBL environment is associated with improved examination performance?





Staff Feedback

"I initially felt it would not work with such a large number of students however, seeing it in action changed my mind. I can't think of anything I would change"

> NHS staff all felt they were able "to pass on our passion, knowledge and skills to nurses who could be looking after us one day"



My learning



- Quantitative findings using Bristol on-line survey
- needed qualitative study
- Larger groups is set to stay
- Practitioners opportunity to support learning in the classroom
- TBL is a new approach to learning for practitioners in practice
- o 2017 intake self funded v bursary funded: different set of learners?





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Questions?

