Developing a bespoke blended-learning Foundation Programme In Perioperative Nursing

Colette Lyng  BSc Nursing, MSc Nursing Education, RGN, RNT
Theatre Clinical Course Coordinator, Beaumont Hospital, Dublin.

Paul Mahon  PGDip CHSE, BSc Nursing Management, MSc Nursing, BSc Nursing, Dip.N, RGN, RNT, FFNMRCISI
Senior Education Coordinator, Beaumont Hospital, Dublin.
• Beaumont Hospital Operating Department
• Newly registered nurses
• ‘On the job’ training
• Bespoke blended Foundation Programme in Perioperative Nursing
• Clinical Competence
• Focus on fundamentals
• Trained to same level
• Working to same standard
Student Centred

Appropriate Teaching Strategies

Clinical Learning Environment
Curriculum

Intended aims

Learning outcomes

Teaching methods

Teaching resources

Assessments

Evaluation criteria

Constructive alignment
**ePistemology:** theory and practice of technology enhanced and enabled teaching and learning

(Mahon et al 2018: p393)
From novice to expert.

Transition shock: the initial stage of role adaptation for newly graduated nurses.

What matters to graduates: An evaluation of a structured clinical support program for newly graduated nurses.

Evaluation of work stress, turnover intention, work experience, and satisfaction with preceptors of new graduate nurses.

Are we there yet? Graduate readiness for practice, assessment and final examinations.
• 26 weeks duration
• Clinical rotations
• Work with experts
• 5 study days
• Content delivery

Scaffolded programme structure
Welcome to the Beaumont Online Resource for Interactive Study

Foundation Programme in Perioperative Nursing
Study day structure:

**Pre study day**
- SDL activities
- Online quizzes

**Study day**
- Kahoot! quiz
- Face-to-face teaching
- Flipped classroom
- Kahoot! quiz

**Post study day**
- Online quizzes
- Online workbook
- Reinforcement of learning
AFL
Reflective exercises
Pre/post study day quiz
Meetings with preceptor, facilitator, coordinator.

Clinical
Learning log
Personal portfolio
Clinical competency
Assessed clinical skills.

Theoretical
Online workbook
Case study
Presentation
Multi-modal teaching and assessment strategies

- Facilitated student engagement
- Enhanced the student experience
- Provided flexibility
- Reinforced learning
...but does our course??
Pilot programme
• 5 students
• Nov 2017 – April 2018

During the programme
• Pre and post study day knowledge assessments
• Study day evaluations
• Anonymous Kahoot survey on final study day

End of programme
• Students
• Theatre staff
• Programmatic peer review
### Kahoot! quiz - pre and post study day scores

<table>
<thead>
<tr>
<th></th>
<th>Pre</th>
<th>Post</th>
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<tbody>
<tr>
<td>SD 1</td>
<td>51.24%</td>
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<td>SD 5</td>
<td>68.24%</td>
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<tr>
<td>AVG</td>
<td>63.54%</td>
<td>91.52%</td>
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Kahoot! quiz - pre and post study day response times

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<td>7.21</td>
<td>4.87</td>
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<tr>
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<td>3.44</td>
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<td>SD 3</td>
<td>3.38</td>
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<td>SD 4</td>
<td>6.91</td>
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<td>SD 5</td>
<td>4.66</td>
<td>2.33</td>
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<tr>
<td>AVG</td>
<td>5.56</td>
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• 34 topics / activities
• Students asked to rate
  – topic / activity
  – content of each topic
  – learning of each topic
• 34 topics / activities
• Students asked to rate
  – topic / activity: very good, excellent
  – content: just right, too much
  – learning: I learnt a lot
• 30 item anonymous Kahoot! survey
• Positively evaluated
• Strongly agree that:
  – Study days increased understanding of perioperative nursing
  – The Foundation Programme is a worthwhile course
• Online survey
  – 80 questions
  – 30 questions asked in the Kahoot! survey
  – Plus questions about
    • Clinical placements
    • Assessments
    • General running of programme

• 80% response rate
If it was necessary I would feel able to help out (as a junior nurse) in areas that are not "home"

My confidence grew as I rotated through the clinical placements

The study days increased my understanding of perioperative nursing

I have a better understanding of how different areas in theatre work

I have a better understanding of my role within the wider theatre team

I have a better understanding of the inter-relationship between different areas within the theatre department

I feel more confident in my "home" area after the course

The clinical competencies reassured me in relation to my clinical practice

The clinical placements forced me to step outside my comfort zone

This is a worthwhile course
I would have liked more online learning

BORIS resources for study days were useful

I found BORIS easy to navigate

I had no problems uploading material to BORIS

I found BORIS easy to use

I found BORIS easy to navigate

BORIS resources for study days were useful

The Kahoot quizzes showed me that I did learn on the study days

I liked the Kahoot quizzes at the start of the class

I liked the Kahoot quizzes at the end of the class

I liked the flexibility of doing the online quizzes at a time that suited me

I enjoyed the online quizzes

Being allowed multiple attempts at quizzes helped my learning

Video skills assessments allowed me to perfect my technique before submitting...

More of the lecture content could have been delivered online

I prefer video skills assessments

I prefer performing a skill in front of an assessor
• 2 experienced colleagues
• Reviewed course content
• Very impressed with programme
• No recommendations
• Some minor changes to individual lectures
• Anonymous survey type questionnaire
• 102 theatre staff
  – 28 responses
  – 27.45% response rate
• Free text comments for Questions 3 and 4
• Foundation Programme in Perioperative nursing
• Knowledge and skills that underpin practice
• Nurse professionalism and patient safety
• Eases the transition from student to staff nurse
• Format and structure easily replicated for many disciplines in many settings
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