SAY “I DO”

Engaging Students Through Active Learning Strategies

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Disclosures

• Nannette Borling, MSN, RN, CNE
• Radford University Carilion School of Nursing
• This project is supported with funding by STTI Tau Phi Chapter
• I have no conflict of interest with any related organization or business

Learner Objectives

Upon completion of this presentation, attendees will
• review Fall-to-Fall progression rates at private healthcare college
• summarize the impact of attrition rates
• examine active learning strategies (ALS)
• network with colleagues
Introduction

Attrition = significant problem

Low Fall-to-Fall retention rates
Implications

• Academic
• Financial
• Community
• National
Implications

• Lost revenue: $600,000

• 762 RN vacancies city (Indeed.com, 2017)

• 160 RN vacancies hospital (Carilionclinic.org, 2017)

• 1.13 million nurses needed before 2020 (American Nurses Association, 2014)
Two Contributing Factors

1. Course content
   Large amounts of information

2. Passive learning strategies
   No critical thinking
My Question

• How to retain students in my Med-Surg 1 course?
Literature

• Active Learning Strategies (ALS)
  • Positive impact
    • student engagement
  • deep learning
  • clinical reasoning
  • decision making
Method

• Retrospective data analysis

• Comparison
  • Fall-to-Fall retention rates
  • 2015-2017
Method

• 8 Active Learning Strategies (ALS)
  • 2 phases
  • 4 ALS in semester 1
  • 4 ALS in semester 2

• Student Survey
Sample

- 45 first year medical-surgical baccalaureate nursing students
Tool

• Student Survey
  • engagement
  • motivation
  • enjoyment

• Likert scale 0-10
Analysis

• Trend Analysis

  • Negative trajectory to positive trajectory
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<th>PASS</th>
<th>FAIL</th>
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Survey Analysis

• F-Test
  • Student perception: ALS positively impacted
    • engagement
    • motivation
Interesting Side Note

• Enjoyment vs perception of effectiveness
Specific Strategies

• Most effective on engagement, motivation, and enjoyment
• P<0.001 from F-test

• Content Review
• Quick Quiz/Quick Quiz Redo
• Giant Concept Map
• Fishbowl Frenzy
Content Review

• Student-driven
• 1 hour
• After students review notes
• Take content deeper
• Clarify key points
Quick Quiz/Quick Quiz Quiz Redo

Knowledge/Comprehension question

Application/Analysis question
Quick Quiz

A client receives an antianxiety medication prior to entering the surgical suite. What is the nurse’s biggest concern?

A. The client is at greater risk for falls
B. The client may become too sleepy
C. The client may be at a higher risk for bleeding
D. The client’s body temperature may decrease

Quick Quiz Redo

The nurse is preparing to administer an antianxiety premedication. Which of the following actions should the nurse take first?

A. Have the family present
B. Ensure that the preoperative shave is completed
C. Have the client void
D. Make sure the client is covered with a warm blanket
Giant Concept Map

• Post-It easel pad
Fishbowl Frenzy
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QUESTIONS?