A Model for Sustaining NCLEX® Success

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Disclosure

Kaplan Test Prep is providing expenses to Patricia Conklin and Leonita Cutright
Learner Objectives

• Identify barriers to NCLEX® success
• Identify strategies for NCLEX® success
• Determine at-risk students
• Establish a plan in concert with your school’s curriculum and culture
Kaplan Learning Integrated Center
KLIC
2013: Pass-rate increase

NCSBN raised the passing standard 1 logit
- National results plummeted
- Radford’s results increased as a result of KLIC

<table>
<thead>
<tr>
<th>Year</th>
<th>National Pass Rate</th>
<th>BSN Pass Rate</th>
<th>Radford Pass Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>90.34%</td>
<td>91.66%</td>
<td>91.94%</td>
</tr>
<tr>
<td>2013</td>
<td>83.04%</td>
<td>85.18%</td>
<td>92.9%</td>
</tr>
</tbody>
</table>
Institutional Historical Perspective

<table>
<thead>
<tr>
<th>Year</th>
<th>National Pass Rate</th>
<th>BSN Pass Rate</th>
<th>Radford Pass Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010*</td>
<td>87.41%</td>
<td>88.69%</td>
<td>74.80%</td>
</tr>
<tr>
<td>2011</td>
<td>87.89%</td>
<td>89.09%</td>
<td>82.00%</td>
</tr>
<tr>
<td>2012</td>
<td>90.34%</td>
<td>91.66%</td>
<td>91.94%</td>
</tr>
<tr>
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<td>83.04%</td>
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<td>92.90%</td>
</tr>
</tbody>
</table>

* Switched from HESI to Kaplan May 2010
KLIC Pilot

- Identified at-risk students
- Mentorship program developed
- Faculty immersion into Kaplan resources
Early Intervention Criteria for KLIC

Identification of at-risk students
• Nursing Assessment Test: <55th Percentile Rank
• English as a Second Language
• Out of sequence student
• Diagnostic test: <55%
Five Themes of Interventional Strategies

• Standardized testing
• Review course
• Anxiety control
• Remediation
• Faculty mentoring
Prescriptive Study & Remediation Plans

Kaplan Study Plan

Remediation for Nursing Content

<table>
<thead>
<tr>
<th>Question</th>
<th>Key Concept</th>
</tr>
</thead>
<tbody>
<tr>
<td>#2 Preschooler Poisoning</td>
<td></td>
</tr>
<tr>
<td>1. Save any substances: vomit, stool, or urine.</td>
<td></td>
</tr>
<tr>
<td>2. Accidental signs of poisoning include change in appearance/behavior, unusual substances in the mouth, hands, or play area, unexplained injuries.</td>
<td></td>
</tr>
<tr>
<td>3. Toddlers are at risk for accidental poisoning because they still explore by putting objects in their mouths.</td>
<td></td>
</tr>
</tbody>
</table>

Remediation for Thinking

<table>
<thead>
<tr>
<th>Question #</th>
<th>Correct/Incorrect</th>
<th>Question &amp; Rationale reviewed</th>
<th>Content Did not know?</th>
<th>Topic Assess/Implement</th>
<th>How will I think differently?</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>I</td>
<td>Y</td>
<td>KNEW</td>
<td>T- Prioritization M- ABC’s</td>
<td>Vomiting/diarrhea have a significant effect ABCs, especially in populations who cannot compensate; ABCs</td>
</tr>
</tbody>
</table>
Prescriptive Study Plan

Question Trainers 1, 2, & 3
   No Qbank until all complete

Accountability assigned to practicum course

Qbank with written remediation

NCLEX® review course

Mentoring post-graduation
Resources

Kaplan Nursing Channel

Guided remediation: KLIC assignment

Content Videos

Content Review Book
KLIC Process

Beginning of semester
- Introduction to KLIC (live)
- Assessment test
- Identification of at-risk students
- Identification of content deficits with remediation
- Intro to Decision Tree
- Start use of 3 online Kaplan Question Trainers

Mid-semester
- Diagnostic test
  - Live class on interpreting results
  - Application of Decision Tree testing tips
  - Initiate higher level testing through (5) 50 item tests
  - Analysis of thinking process through written remediation
  - Weekly faculty-made quizzes

End of semester / post-graduation
- Complete 4-day review course
- Development of study plan to include content review and use of Decision Tree
- Mentoring with individual follow-up
- Analyze results of online testing and adjust study plan
- Address external stressors with coaching/counseling
- Interpreting readiness for NCLEX® exam
NCLEX® Pass Rates

- National
- BSN
- RU
## Detailed NCLEX® results

<table>
<thead>
<tr>
<th>Year</th>
<th>Total number of students</th>
<th>% of at risk students</th>
<th>Pass rate Radford University</th>
<th>Pass rate National BSN</th>
<th>Pass rate Overall national</th>
<th>% above the national BSN average</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>58*</td>
<td>12.1%</td>
<td>91.38%</td>
<td>85.18%</td>
<td>83.04%</td>
<td>6.2</td>
</tr>
<tr>
<td>2014</td>
<td>84</td>
<td>57.1%</td>
<td>96.43%</td>
<td>84.93%</td>
<td>81.78%</td>
<td>11.5</td>
</tr>
<tr>
<td>2015</td>
<td>73</td>
<td>63.0%</td>
<td>97.26%</td>
<td>87.49%</td>
<td>84.53%</td>
<td>9.77</td>
</tr>
<tr>
<td>2016</td>
<td>87</td>
<td>63.2%</td>
<td>94.25%</td>
<td>88.84%</td>
<td>85.71%</td>
<td>5.41</td>
</tr>
<tr>
<td>2017</td>
<td>66</td>
<td>47.0%</td>
<td>93.94%</td>
<td>90.35%</td>
<td>87.85%</td>
<td>3.59</td>
</tr>
<tr>
<td>Total</td>
<td>368</td>
<td>51.5%</td>
<td>94.83%</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Mixed cohort
What have we learned?

• No high stakes testing
• Remediation is key
• More is not better (adding other commercial products is not beneficial)
• Vacation
• Starting work
• Early testing-delays in ATT
• Anything outstanding on the student’s account
• Major/minors
• Email address for contact
2019 Test Change: Will you be prepared?

Are you considering:

- Change in minimum passing grade for testing?
- Change is acceptance criteria to the SON?
- Change in curriculum?
- Change in teaching strategies ie flipping the classroom?
- Change in commercial standardized testing products?
- Progression delay based on commercial standardized testing?
- An individualized NCLEX® prep course/program?
Thank you!

Article forthcoming:
*Nursing Education Perspectives, May 2018*
“A Model for Sustaining NCLEX Success”

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Radford University (Radford campus) ranked #2 and
Radford University (Roanoke campus) ranked #8 in RN programs in Virginia by
RegisteredNursing.org - a nursing advocacy organization