

Chartering the Seas for the Most Effective Post-Graduation Student Success

Dr. Linda Kaye Walters, PhD, MSN, RN, CNE

Dr. Linda Smith McQuiston, PhD, MS, RN

Dr. Jessica Clark, DNP, MS, RN

PURPOSE

- Increase student success in relationship to first-time pass rates for the National Council Licensing Examination – Registered Nurse (NCLEX-RN).

BACKGROUND

- Noted a decline in NCLEX-RN first-time pass rates in both traditional and baccalaureate nursing completion programs
 - Need to meet benchmark to maintain accreditation
 - Warning from Accreditor
- Decreased faculty and student morale
- Change in integrated testing vendors
- Creation of N490, Licensure Preparation Course, within the curriculum.
- Support from department chairperson and upper administration.

PLAN

- Empower and enable students to be successful on the first attempt on the NCLEX-RN
- Combination Approach:
 - Pilot group
 - Established a written pre/post-graduation plan
 - Assigned a post-graduation coach
 - Incorporate one or more testing platforms post-graduation

WRITTEN PLAN

- Students developed a first/mid/final- action plan that would help with the following:
 - Time-management
 - Incorporate all aspects of student's life into the calendar
 - Develop a study routine prior to graduation
 - Allows them to see what is working and what is not working
 - Make changes as needed prior to graduation
 - Develops an accountability relationship with N 490 faculty that will carry onto post-graduation coach

ADDITIONAL TESTING PLATFORM

- Obtained an internal university funded grant
 - Finance a small amount of additional computerized bank of questions
 - Grant allowed for 19 students
- Post predictor exam
 - Identified those students whom were at highest risk for being unsuccessful on their first NCLEX-RN attempt
 - Lottery was held for both programs
 - 14 traditional baccalaureate program
 - 5 baccalaureate completion program (BNC)

NOTIFICATION OF ADDITIONAL TESTING PLATFORM

- Notified students via email:
 - additional question banks available post-graduation free of charge.
 - account information sent through the computerized question bank.
 - 90 day subscription with over 2000 questions, and 2 readiness exams.

TESTING PLATFORM RESULTS

- **Traditional Cohort**
 - **Average**
 - # of Questions utilized: 1192
 - # total time spent: 19:38 hours/minutes
 - # Passed on first attempt: 12 out of 14 (86%)
- **BNC Cohort**
 - **Average**
 - # of Questions utilized: 990
 - # total time spent: 14:08 hours/minutes
 - # Passed on first attempt: 4 out of 5 (80%)

LIMITATIONS

- Pool too small
 - 19 students total
- Additional testing platform products could show different results
- Variables
 - Age
 - Different skill sets
 - For example = LPN may have developed poor study skills
 - Data
 - Did we sell it appropriately?
 - Free product proven to be successful for many

NURSING IMPLICATIONS

- Written Individualized Plan
 - pre-graduation
- Multiple Testing Platforms
 - post-graduation
- Nursing Faculty Support
 - post-graduation

CONCLUSION

Traditional Cohort		
	# of Questions	Pass 1st Attempt
1	675	yes
2	880	yes
3	361	no
4	2100	yes
5	2100	yes
6	750	yes
7	2085	yes
8	1099	yes
9	840	yes
10	2132	yes
11	873	yes
12	445	yes
13	1367	yes
14	980	no
Average	1191.928571	12 pass
BNC Cohort		
	# of Question	Pass 1st Attempt
1	1801	yes
2	170	yes
3	1150	yes
4	1488	yes
5	338	no
Average	989.4	4 pass

- Post-graduation support increased success rate on the NCLEX-RN
- Adding additional question bank proved to increase first-time pass rate.

Questions???

