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# Intradisciplinary Nursing Simulations: Advanced Practice Nursing with BSN Students

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## Abstract

With the increasing enrollment of advanced practice nursing students (APN) and the increasing literature supporting interprofessional simulation encouraging a team-based approach for safe patient care, a new clinical relationship among our APN (AGACNP and Midwifery) and BSN (Levels 4 and 5) students has been created at our college.

This partnership has yielded an experience rich with collaboration, communication, and collective problem solving for patient care. Both BSN and APN students have gained more experience in: clear SBAR communication, working collaboratively and advocating for patient safety during the simulations in which they practice together. The intraprofessional nursing experience yields prepared, professional, and therapeutic practitioners thus increasing the quality of patient outcomes.

## Background:

- In an effort to **enrich** the high fidelity simulation experiences for BSN students, the Undergraduate Program Director contacted the AGACNP Concentration Coordinator and inquired as to availability of APN students to participate.
- **Collaboration** took place to determine which **patient scenarios and learning objectives** would be most appropriate for both groups of students.
- Each attempt was evaluated to **improve and enhance** the ease of operation and objective demonstration. AGACNP students now participate within three different simulation activities with BSN students.
- Additionally, the Undergraduate OB Course Coordinator and the Midwifery Concentration Coordinator partnered for a simulation of a **normal delivery and assessment of newborn** utilizing high fidelity manikins. Both BSN and Midwifery students glean a remarkable experience of communication, teamwork and role delineation.

## Simulation Experiences:

The scenarios that performed were already being implemented as part of the undergraduate simulation plan. The simulations were then modified to include Midwifery and AG-ACNP objectives.

## Intradisciplinary Simulated Activities:

- Acute Urosepsis - female chemotherapy patient
- Acute MI - elderly Navajo COPD patient
- Acute CHF - progression of MI patient
- Sim mom birthing with Newborn assessment



**Level 5 Undergraduate and  
Advanced Practice Nursing Students**



**IPE objectives: communication**, preserving **values and ethics**, appropriating **roles and responsibilities** and **teamwork collaboration**.

The **INTRADisciplinary** experiences required that both nursing student types (BSN and APN) recognize differentiated objectives and roles and responsibilities.

- **APN** students were challenged to not perform RN tasks that felt comfortable but to perform as a provider and leader of the patient care team.
- **BSN** students experienced challenges in practicing advanced psychomotor skills while utilizing the appropriate resources (i.e. charge nurse, pharmacy) in lieu of the APN student for guidance. Communication and appropriate delegation skills were found to be pivotal elements in order to complete objectives successfully.
- **APN & BSN** student both enjoyed the joint endeavor as determined by a satisfaction survey completed after debrief. Comments included themes of:
  - Appreciation for an engaged student provider
  - Recognition of the challenge of leading, communicating and delegating to a student or newly graduated nurse as opposed to the experienced practicing RN.

## Results

Both sets of students worked collaboratively to provide patient centered care. The IPE goals were met and the Roles and Responsibilities objective was highlighted as a positive focus for future experiences. These simulations provide a safe environment to develop the necessary skills to establish differentiated yet extremely efficient roles of the patient care team.

## Recommendations for future Intradisciplinary Experiences

Continued collaboration with faculty to develop new scenarios that will challenge both student learners while enhancing therapeutic techniques.