

Using an Interprofessional Case Study to Practice Clinical Judgment and Learn About Maternal Healthcare Disparities

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Disparities in Labor & Delivery Outcomes

- The US has "significant racial and ethnic disparities in cesarean rate, maternal morbidity and mortality" (Hamm et al., 2022, p. 143).
- Explicit and implicit biases contribute to variations in care and suboptimal, sometimes devastating outcomes.
- Self-reflection is the first step to recognizing one's biases (Narayan, 2019).
- Nursing, medical imaging, pharmacy, and medical students collaborated to practice clinical judgment and discuss healthcare professional's responsibility as patient advocates.

Interprofessional Case Study

- Purpose:
 - Engage students in discussing healthcare disparities
 - Inspire students to use clinical judgment and advocacy
- Based on the death of Kira Johnson (4Kira4moms, 2022).
- Collaborative case studies:
 - Are evidence-based & use active learning
 - Promote development of clinical judgment (Seibert, 2021).
 - Address the Clinical Judgment Measurement Model:
 - Recognize cues
 - Analyze cues
 - Prioritize hypothesis
 - Generate solutions

(Elsevier, n.d.)



Results

- Retrospective pre-/post-session self-assessment
- Interprofessional Collaborative Competencies Attainment Survey

Group	n =	P value
Nursing, medical imaging, pharmacy, and medical students	44	< 0.0001
Nursing students only	23	< 0.0001

- Post session, the case was reviewed in class using NextGen-style questions to spur discussion.
- Positive student feedback:
 - "I think the video made us think about errors from an emotional way."
 - "Really enjoyed the case study...very eye-opening!"



Reflections

- Using a case from a real situation enhanced engagement.
- The activity enhanced exploration of implicit/explicit bias & the responsibility to advocate for patients/ families.
- NGN questions promoted deep discussion and clinical judgment in the classroom.
- Interprofessional learning can enhance collaboration and promote optimal patient outcomes.
- Nurses have a moral imperative to address and mitigate disparities in healthcare.
- Nursing educators can support student development of self-awareness, teamwork skills, and clinical judgment using evidence-based approaches such as interprofessional education and collaborative case studies.
- Using NGN-style questions as learning activities can help students develop crucial clinical judgment skills they can use to improve patient care and outcomes.



Limitations

- Small group size
- Providing students with similar NextGen-style questions before the interprofessional session would have allowed for comparison with post-session performance on NextGen-style questions.

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References



Abstract

