Multi Patient Interprofessional Collaborative Practice Simulation: Beneficial for Improved Practice

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Sonia K. Wrate, MSN, Ronda M. Christman, PhD, MSN, Jill M. Buchholz, DNP, MSN, Barbara R. James, PhD, MSN, CNE, Joelle N. Wolf, MSN, MSRN, CNE, Caroline T. McArthur, MSN, CHSE, Laura Racovita-Szilagyi, PhD, MSW, Kerry C. Allen, MSN, & Christina A. Shrode, MBA, MSN
Disclosure

No conflict of interest

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Interprofessional Collaborative Practice
“...Occurs when students from two or more Professions learn about, from, and with each other to enable effective collaboration and improve health outcomes” (WHO, 2010, p. 7).
Simulation

- Simulation is the art and science of creating a real life-like scenario to engage individual’s cognitive, psychomotor, and emotional areas to increase learning outcomes (Montgomery, Griswold-Theodorson, Morse, Montgomery, & Farabaugh, 2012).

- Simulation also allows for interprofessional education between nurses and other healthcare workers.
IPECEP Core Competencies

1. Values/Ethics for interprofessional practice
2. Roles & Responsibilities
3. Interprofessional Communication
4. Team & Teamwork

(IPECEP, 2011, p. 9)
Purpose of the Study

• Provide a MP IPCP simulation
• Discover participants’ perceptions of the MP IPCP simulation:
  – How beneficial the MP IPCP was to their future practice
  – How appropriate were their interactions with the other healthcare providers
How can they work together if they don’t learn together?
METHODOLOGY

MP IPCP July 17 & Oct 28, 2016
Research Design

Mixed Methods Design
Sample

• Student’s enrolled in classes in summer and fall 2016 at Southern Adventist University in:
  – Nursing
  – Pre Med
  – Social work

• N = 60
Demographics

Gender
- Male: 14% (n = 15)
- Female: 86% (n = 45)

N = 60

Age
- 18 - 19: 3% (n = 2)
- 20 - 24: 57% (n = 34)
- 25 - 29: 12% (n = 7)
- 30 - 49: 27% (n = 16)
Demographics

Major

Nursing:
- ADN – Level 4  42% (n = 25)
- BSN – Leadership/Research  22% (n = 12)
- MSN – ACNP 13% (n = 8)

Pre Med:  3% (n= 2)

Social Work:  MSW 22% (n = 13)
Procedure

Orientation

Hands-on care of multiple patients 1.5 hrs

Debrief and data collection sessions
Ethical Protections

IRB Approval from Southern
Informed consent 1st question
All data anonymous
Data encrypted and password protected
Data Collection

After the simulation:
Online surveys completed
Role specific recorded debrief sessions
Data Analysis

Quantitative data – descriptive stats

Qualitative data – interviews transcribed, reviewed for accuracy, coded, and themes identified
What Went Well

Video
Findings
Feel MP IPCP sim was beneficial to their future role
Feel Spirituality is an important element to healthcare role.
How appropriate were their interactions with other providers
Comments from ASN Students

Time management / organization

• “It is important to practice time management when caring for patients”
• “I will learn how to be more organized”
• “Organization and time management”
• “being more organized in my time management skill”
• “Time management”
Comments from ASN Students
Confidence

• “To be confident in my skills”
• “Be confident with your coworkers”
• “Be confident in your care for your patient because you know more than what you give credit for and you are apart of a team that can help you”
• “Thank you for providing this experience to help us build our confidence before we graduate so we have an idea of what it will be like to be actual RN's taking care of patients very soon”
Comments from BSN Students

Awareness

• “Being mindful of what other people are doing. Disruptions can be a patient safety issue, if they are not done mindfully”
• “By seeing a different side of nursing I am able to respect the secretary more”
• “After watching the AS students as nurses, I will remember to be cautious in my actions as a nurse”
Comments from BSN Students
Ask for help

• “Ask for help from healthcare team”
• “To ask for help”
Comments from MSN ACNP Students

Teamwork & collaboration

- “Collaboration/team approach”
- “Teamwork and there is always someone to ask for help from”
Comments from MSW Students

Teamwork and collaboration

• “The biggest element that I took away from the ICU simulation was how to work as a team in an interdisciplinary approach [...] we are a team all wanting what is best for our families regardless if we all have different roles.”

• “…in traumatic situations, communication plays a vital role…”
Comments from MSW Students
Understand different perspectives

• “It was interesting to see the medical side of things”
• “I gained so much from the experience and truly was glad I was able to be a part of it. I was able to see different perspectives, and the different needs of patients, nurses, doctors and social workers.”
Comments from MSW Students

...and a need for Advocacy

• “Gave me a lot of insight on interdisciplinary work as a professional social worker. . . I also realized that advocacy is needed in all situations on multiple levels.”

• “I was also able to see how traumatizing ICU’s can be for patients! I was able to see the intensity of emotions and frustrations that are experienced in an ICU room. . . The family members need to have the support of someone standing beside them being a sounding board and advocating for them when they are too emotional to do so for themselves.”
Implications – Healthcare Educators

- Promote innovative methods of preparing students for practice in a complex healthcare environment where teamwork and collaboration are essential.
- Determine optimal timing for inclusion of MP-IPCP simulation within the curriculum.
- Plan early and consider availability of necessary space, equipment, supplies, staff, and time for the MP-IPCP simulation.
Implications – Cont’

- Provide initial and ongoing interprofessional team orientation to simulation best practices
- When evaluating, consider the impact of MP-IPCP simulation on learner and patient outcomes
- Appraise appropriate resources including simulation space, equipment, supplies, and support staff for conducting MP-IPCP
Dissemination

Podium/Poster Presentations @:
2017 INACSL & Univ of Kentucky
2017 NLN Educational Summit & 2018?
REFERENCES

- INACSL  http://www.inacsl.org/i4a/pages/index.cfm?pageid=3407
Questions?
Thank you for your attention!

Sonia Wrate swrate@southern.edu
Ronda Christman rchristman@southern.edu
Jill Buchholz jbuchholz@southern.edu
Callie McArthur cmcarthr@southern.edu
Christina Shrode cshrode@southern.edu