



Companions on a Journey: A Virtual Interprofessional Case Discussion

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A Virtual Interprofessional & Interactive Case Discussion

Our IPE Objective: Creation of an innovative interactive, **interprofessional case study activity** using an interactive platform to facilitate collaborative dialogue and interprofessional education (IPE) for **undergraduate and graduate students.**

Going Virtual in 2020:

- In 2019, we conducted an in-person (f2f) version of this event at Rockhurst.
- In 2020, the IPE Committee decided to move forward with event using a virtual platform due to the pandemic.
- We made changes to the faculty training information, event agenda, case materials, case activities and student learning aids for the online platform.

2020 Participants: Over 200 students and faculty from **five different programs:**

- Communication Sciences and Disorders
- Occupational Therapy
- Nursing
- Exercise Science
- Physical Therapy



Faculty Facilitators: Prior to the event, facilitators participated in an online training session on IPE theories and principles, facilitation strategies, and case materials.

The Case Discussion: As a large group, students were **introduced to IPE**, watched a video of an actor simulating a patient recovering from a left hemisphere CVA, and reviewed patient medical charts.

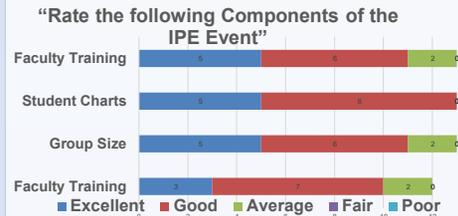


	NURSING	SPEECH LANGUAGE PATHOLOGY	OCCUPATIONAL THERAPY	PHYSICAL THERAPY	EXERCISE SCIENCE
NURSING					Companions on a Journey: An Interprofessional Case Experience
SPEECH LANGUAGE PATHOLOGY					
OCCUPATIONAL THERAPY	Facilitating for people (SWH/curators)	Empowerment			
PHYSICAL THERAPY	Advocate others during activity				
EXERCISE SCIENCE				Advocate others during activity Home exercise program (instructions)	

- Faculty facilitators guided small, multi-disciplinary Zoom groups of students in a **team building** activity.
- Small groups **engaged in discussion** about how each profession could work together on a simulated patient case.
- Each small group completed a **debriefing**.
- Everyone came together for a large group debriefing.
- Student feedback was gathered in the chat box and consolidated to form an **IPE Word Cloud**.



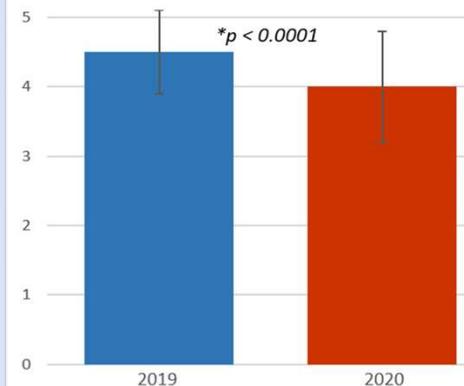
Outcomes 2020 Faculty Survey Highlights



- Faculty facilitators commented that **students were engaged, interactive & insightful** and were able to learn from each other through group discussion.
- 13 faculty who completed an exit survey rated the overall experience a 4.8 ± 0.4 out of 5.
- 50% of faculty commented that the virtual platform was challenging, reporting **"not enough time" and "technological difficulty," "decreased student engagement virtually."**

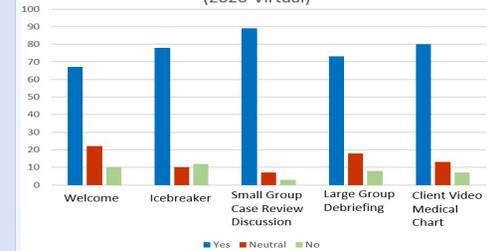
2020 Student Survey Highlights

"How Satisfied Were You With Your IPE Learning Experience Today?"



- 212 students who completed an exit survey rated their overall IPE learning experience a 4.0 ± 0.8 out of 5.
- In 2019, students rated their experience 4.50 ± 0.61 ($p < 0.0001$).
- 87% of students in 2020 felt that **small group discussions were most beneficial to their learning.**

"What Components of the IPE Event Did You Find Most Relevant to Your Learning?" (2020-Virtual)



Conclusions

- We identified a statistically significant shift in student rating of their overall experience from "excellent" in 2019 (f2f) to "good" in 2020 (virtual). This **mirrors trends we are seeing in other areas** of virtual instruction at the graduate and undergraduate levels.
- Technology and time management challenges impacted participant satisfaction.

While we saw a decline in student's self-reported IPE experience on a virtual platform, our data suggests:

- **students engaging in collaborative dialogue with other disciplines gained an increased understanding of interprofessional practice and collaboration.**
- **improved attitude about working with other disciplines.**
- **increased desire to collaborate with other disciplines in the future.**