Virtual Simulation: Suspending Disbelief to Create a Real World Interaction

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• Virtual Reality Simulation

- Transform learners through experiential learning.
- AI + Human Interaction
 - Combines true human intelligence with the scalability and data-driven possibilities of AI.

Mursion Vitual Simulator© https://www.mursion.com/





• To evaluate the effectiveness of a virtual reality simulation experience with Graduate Students in NP, CRNA and NE clinical practicum courses to improve communication skills in **challenging, realistic, real time** scenarios.

Purpose of the Project







2. Faculty submits the scenario to the interactor for review

3. Faculty – Interactor meet to discuss the scenario and possible directions the conversation may take

4. Faculty and the interactor practice the scenario and work out any questions the interactor may have.

HOW? Faculty Planning































	Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree
Realism	35.9%	59%	2.6%	2.6%	0
Confidence	15.4%	61.5%	15.4%	7.7%	0
Comfort	25.6%	59%	10.3%	5.1%	0
Communication	12.8%	66.7%	15.4%	5.1%	0
Application of knowledge	30.8%	59%	5.1%	5.1%	0
Safe Learning Environment	46.2%	46.2%	7.7%	0	0
Debriefing	51.3%	41%	7.7%	0	0
Useful Learning Tool	25.6%	64.1%	7.7%	2.6%	0



- Feelings- nervous, anxious, empathy for the patient
- <u>Enhanced learning</u>- interactive avatar, real life situations, dealing with difficult situations, able to identify my strengths and weaknesses
- <u>Impeded learning</u>- first time using virtual simulation thus unsure of expectations, no physical contact to perform patient assessments

Open Ended Feedback





