Using Online Deliberate Practice to Develop Interprofessional Communication Skills in Pre-Licensure Nursing Students

Jen-Huei (Vicky) Yeh, PhD, BSN, RN; Gwen Sherwood, PhD, RN, FAAN, ANEF
School of Nursing, The University of North Carolina at Chapel Hill, Chapel Hill, NC

INTRODUCTION
- Interprofessional communication skill is critical in the QSEN teamwork and collaboration competency
- SBAR is an evidence-based standardized communication tool to facilitate communication
- Students have few opportunities to develop competency before graduating

OBJECTIVES
- Pilot test the impact of using online deliberate practice (DP) sessions to develop pre-licensure nursing students’ interprofessional SBAR reports

STUDY DESIGN
- Two-group experimental study
- Target population: 81 BSN students from a 10-week online nursing course
- Evaluation survey conducted at the end of study

RESULTS: OVERALL
- Basic group demographics:
  - Randomized into control n=21 and intervention n=22
  - Only 7 (16%) have communicated interprofessionally

RESULTS: PRELIMINARY
- Confidence & performance score in SBAR reporting increased in both groups
- Post-scores in confidence and performance are higher in the intervention group, controlling for pre-score, 2nd degree, and work history in healthcare (p-value = 0.0149* & 0.0576 respectively)

<table>
<thead>
<tr>
<th>Group</th>
<th>n</th>
<th>Mean Change</th>
<th>Std Dev</th>
<th>p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control</td>
<td>20</td>
<td>2.10</td>
<td>2.17</td>
<td>0.0004*</td>
</tr>
<tr>
<td>Intervention</td>
<td>21</td>
<td>3.36</td>
<td>2.48</td>
<td>&lt;0.0001*</td>
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<table>
<thead>
<tr>
<th>Performance Change (from pre to post)</th>
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</thead>
<tbody>
<tr>
<td>Group</td>
</tr>
<tr>
<td>-------</td>
</tr>
<tr>
<td>Control</td>
</tr>
<tr>
<td>Intervention</td>
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</tbody>
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- Data analysis of student performance is ongoing

DISCUSSION/CONCLUSION
- Provide highly satisfactory practice experience
- Develop SBAR confidence & performance
- Adaptable in any educational setting

REFERENCES

Acknowledgement:
This research is supported by STTI Alpha Alpha chapter at UNC-CH
Special thanks to the faculty, staff, and students at UNC-CH who helped and participated in this study