Fostering Social Determinants of Health Awareness in Telehealth Education: A Simulation Approach for Adult Gero Acute Care Nurse Practitioner Students

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Introduction

The integration of telehealth into healthcare delivery has prompted a reevaluation of interprofessional collaboration (IPC) dynamics, particularly concerning the identification and addressing of patients' social determinants of health (SDOH).

1. Lack of systematic integration of SDOH into the curriculum

2. Underdeveloped structured training on identifying, understanding, & addressing SDOH

3. Nursing graduate deficiency to recognize non-clinical factors that affect patient outcomes

Methods

107 Adult-Gerontology Acute Care Nurse Practitioner students in their 2nd clinical course participated.

A module dedicated to this experience was placed in their course included readings about SDOH, videos modeling a telehealth visit, a prebriefing video, fair game topics for diseases processes, a grading rubric & pre/post quizzes.

During the telehealth simulation, learners completed a focused assessment of a patient follow up visit after hospital discharge via a telehealth visit.

Debriefing sessions were facilitated by experienced nurse practitioner educators & care transition managers as content experts.

SDOH
Social Determinates of Health

- Socioeconomic Status
- Education
- Physical Environment
- Social Support Network
- Healthcare Access
- Economic Stability
- Gender
- Race

Healthcare Simulation Standards of Best Practice™
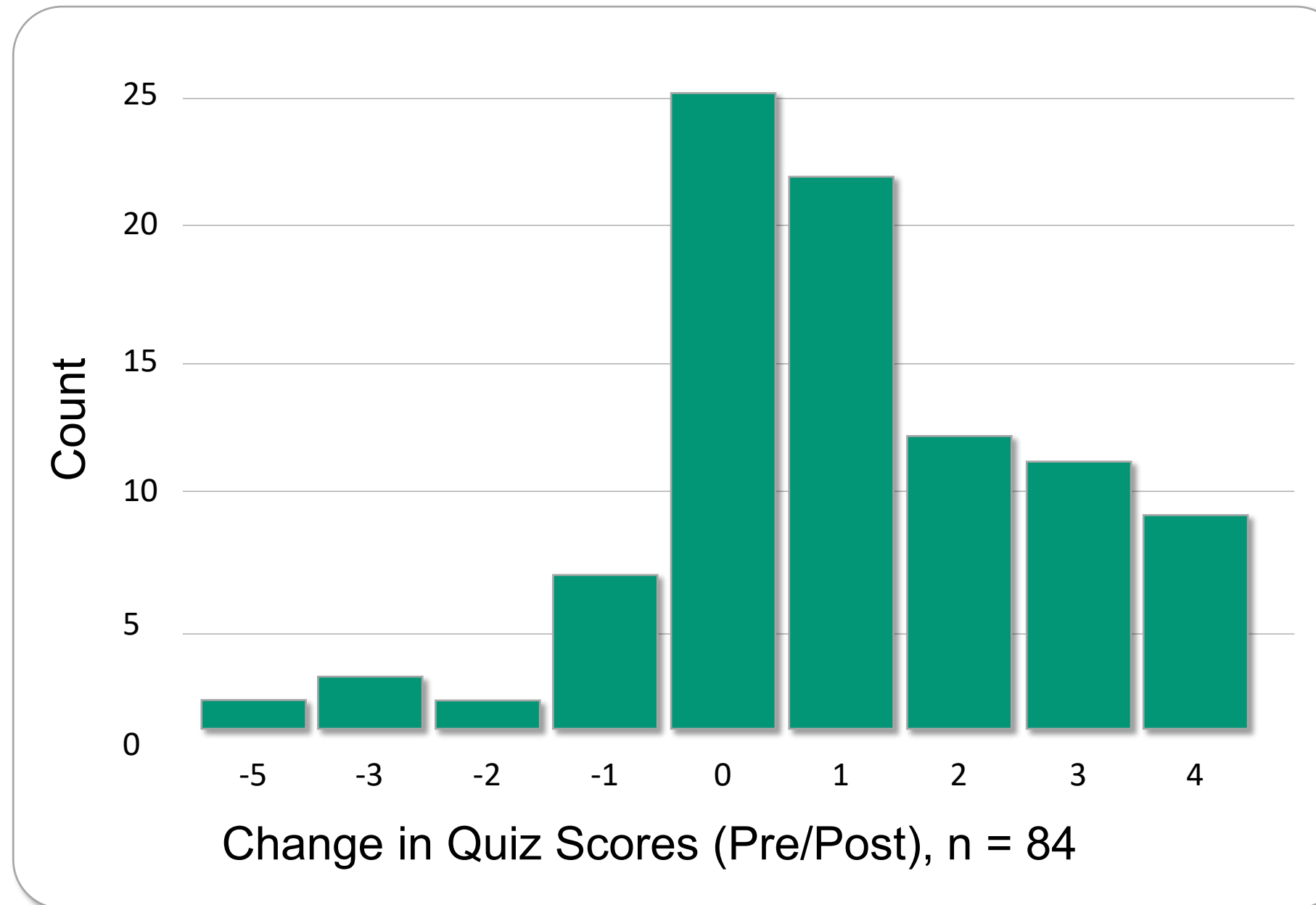
• Simulation Design • Objectives • Outcomes

Recommendations

Future directions include adding social work students to the scenario to create a truly interprofessional simulation

References

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Results

Change in Quiz Scores (Pre/Post), n = 84

The graph above shows the distribution of change in quiz scores among pre-post matched respondents.

Although some students had either a decrease in quiz scores (n=10, 11.90%) or no change (n=24, 28.57%), the majority showed and increase in quiz scores (n=50, 59.52%).

Conclusion

By fostering collaboration between AGACNP and care managers, this simulation contributes to the development of the transition of holistic care practices that prioritize the integration of SDOH considerations into telehealth delivery models.