A TeamSTEPPS® Workshop to Imrove Attitudes, Readiness, and Knowledge on Interprofessional team Communication Among Undergraduate Nursing Students

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Abstract

- Effective interprofessional team communication is critical in healthcare.
- This project assessed the impact of a one-day TeamSTEPPS® workshop on nursing students' IP team communication skills.
- The results demonstrated significant improvements in attitudes, knowledge, and readiness, indicating the potential for enhancing patient care through interprofessional education.
- By equipping students with essential tools and strategies, such workshops can contribute to improved collaboration and communication among healthcare professionals, ultimately leading to better outcomes for patients.

Method

- The project took place in a classroom with 91 final semester senior year nursing students.
- The TeamSTEPPS® intervention spanned 8 months, starting with project preparation and planning in the fall semester of 2022.
- Students participated in a one-day workshop on the TeamSTEPPS® program.
- Surveys were administered before and after the intervention to assess the impact on readiness, knowledge, and attitudes towards interprofessional team communication.
- The intervention included interactive sessions, presentations, case scenarios, videos, and small group discussions.
- Faculty, student champions, and IT support aided in implementation, while additional resources and training refreshers were provided throughout the semester.
- Measures such as questionnaires and scales were used to evaluate attitudes, knowledge, and readiness for interprofessional teams.
- The intervention concluded with a final review session and program summary.

Results

- The study implemented the TeamSTEPPS® workshop to assess its impact on undergraduate nursing students' knowledge, readiness, and attitudes towards interdisciplinary team communication.
- Significant improvements were observed in participants' attitudes, knowledge, and skills following the intervention.
- Comparisons with prior literature showed consistent positive outcomes from training programs in pre-licensure education.
- The project's strengths included participant engagement and curriculum integration, while limitations encompassed the absence of a control group and reliance on self-reported surveys.
- The study recommends integrating TeamSTEPPS® training into nursing curricula and suggests sustainability through monthly topic refreshers, faculty training, and collaboration with university leadership.

Summary & Conclusion

- In conclusion, TeamSTEPPS® enhanced students' readiness, knowledge, and attitudes, equipping them for effective teamwork and patient care in clinical settings.