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Impact on Student Attitudes through Participation in Interprofessional Student Teams at a Remote Area Medical Event in Rural Appalachia

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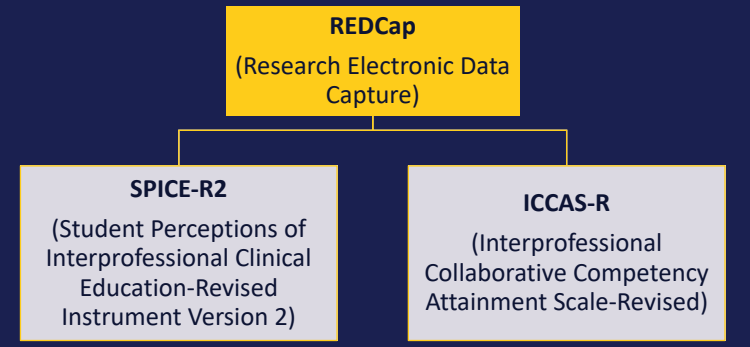
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Introduction

- Remote Area Medical® (RAM) is a non-profit healthcare organization that provides free dental, medical, and vision services to individuals in underserved areas of the United States, including rural Appalachia; they are also willing to partner to provide learning opportunities for interprofessional student volunteers
- Interprofessional teams consisted of undergraduate and graduate students with backgrounds in medicine, nursing, pharmacy, public health, and others
- This research hypothesized that working in interprofessional teams at a RAM event in rural Appalachia would have a positive impact on student attitudes toward interprofessional practice

Methods

- Demographic questions, two validated surveys, and open-ended questions were administered for student volunteers to complete before and after their participation in interprofessional student teams at the RAM event



- Quantitative data was analyzed through Statistical Package for the Social Sciences (SPSS) software version 25, and primary descriptive qualitative data was analyzed through deductive coding

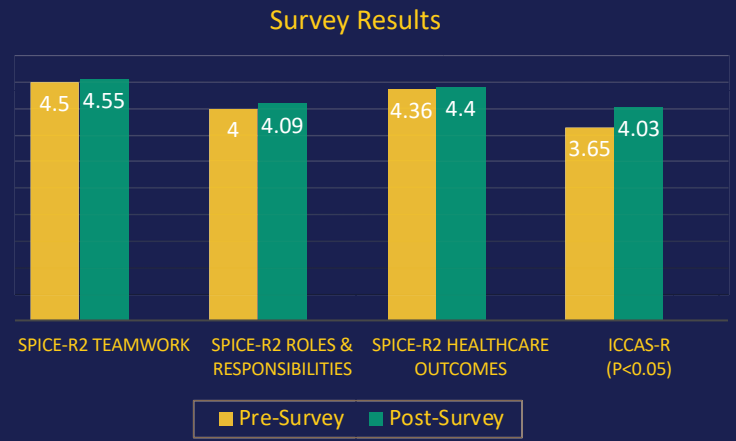
A rural, **interprofessional** service event demonstrated a **positive impact** on healthcare students' self assessment of their interprofessional skills.

Take a picture to view SPICE-R2 & ICCAS-R surveys and interprofessional team demographics



Results

- Of the 108 student responders, 104 responses were available for ICCAS-R2 and 70 pre-survey/post-survey paired responses were available for SPICE-R2 analysis
- No statistically significant changes were found in the three factors of the SPICE-R2 survey
- The ICCAS-R results showed a statistically significant change; the mean overall composite score increased from 3.65 out of 5 on the pre-event section to 4.03 out of 5 on the post-event section



- Qualitative themes found in the open-ended question portion of the survey included: communication & collaboration, passion, teamwork, and pride in care provided

Conclusion

- SPICE-R2 results: No significant change in perception towards interprofessional collaboration
- ICCAS-R results: Students expressed an improved sense of interprofessional competency
- The lack of statistically significant change in the SPICE-R2 survey could be attributed to students already receiving an abundance of classroom experiences in IPE
- Evident by number of mismatched pre and post SPICE-R2 survey responses, unique code creation was confusing and needs to be changed in the future

Acknowledgements

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