



Interactive Panels Serve as an Effective Way to Increase Medical Students' Knowledge of the Opportunities in Sports Medicine

WAYNE STATE UNIVERSITY

Fellowship training

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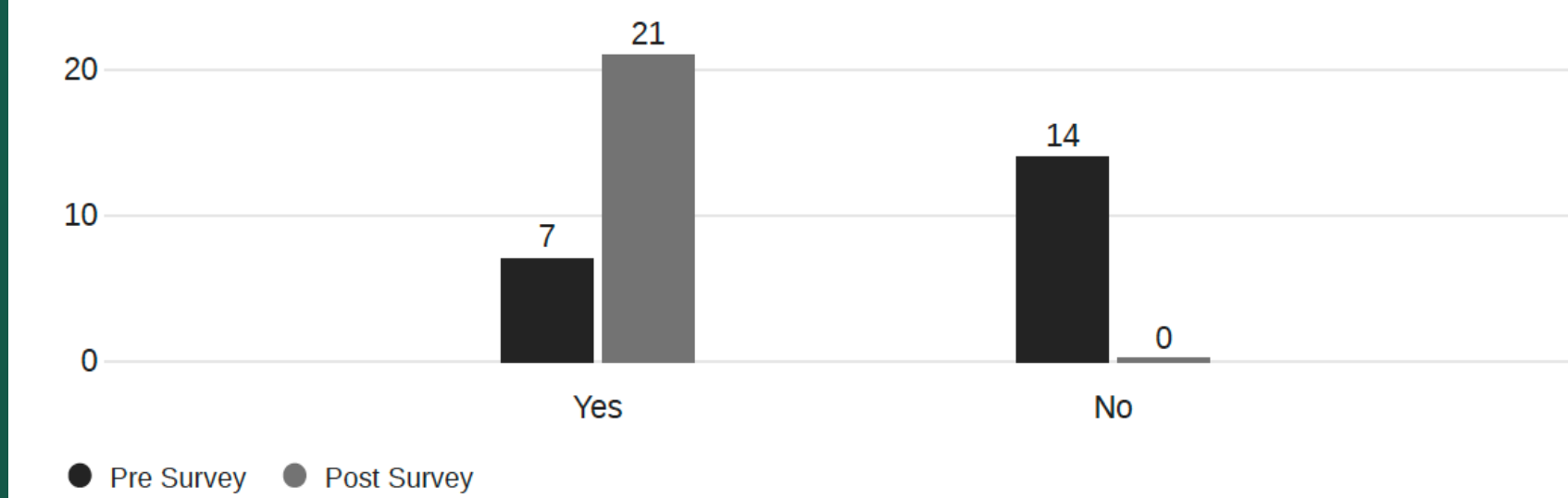
INTRODUCTION

- Many preclinical medical students are unaware of the numerous fellowship training options there are following residency.
- Particularly, in the field of sports medicine, where multiple residency paths can apply for this subspecialty fellowship position, the prerequisites for placement into sports medicine are not well understood among medical students.
- The objective of this zoom discussion was to bring awareness to the various ways individuals can matriculate into the field of sports medicine. As well as developing an understanding of the advantages and disadvantages of applying from different residency backgrounds.

METHODS

- First and second-year medical students were invited to this talk via Wayne State School of Medicine class email lists.
- 3 sports medicine fellowship-trained physicians from 3 unique residency training paths (physical medicine and rehabilitation, emergency medicine, and family medicine) met as a panel to answer questions provided by the sports medicine interest group leadership and student attendees.
- Pre- and post-survey data were collected through Qualtrics XM.

I am aware of the different residency paths that can lead to obtaining a fellowship in sports medicine.



I plan to become a sports medicine trained physician in the future.

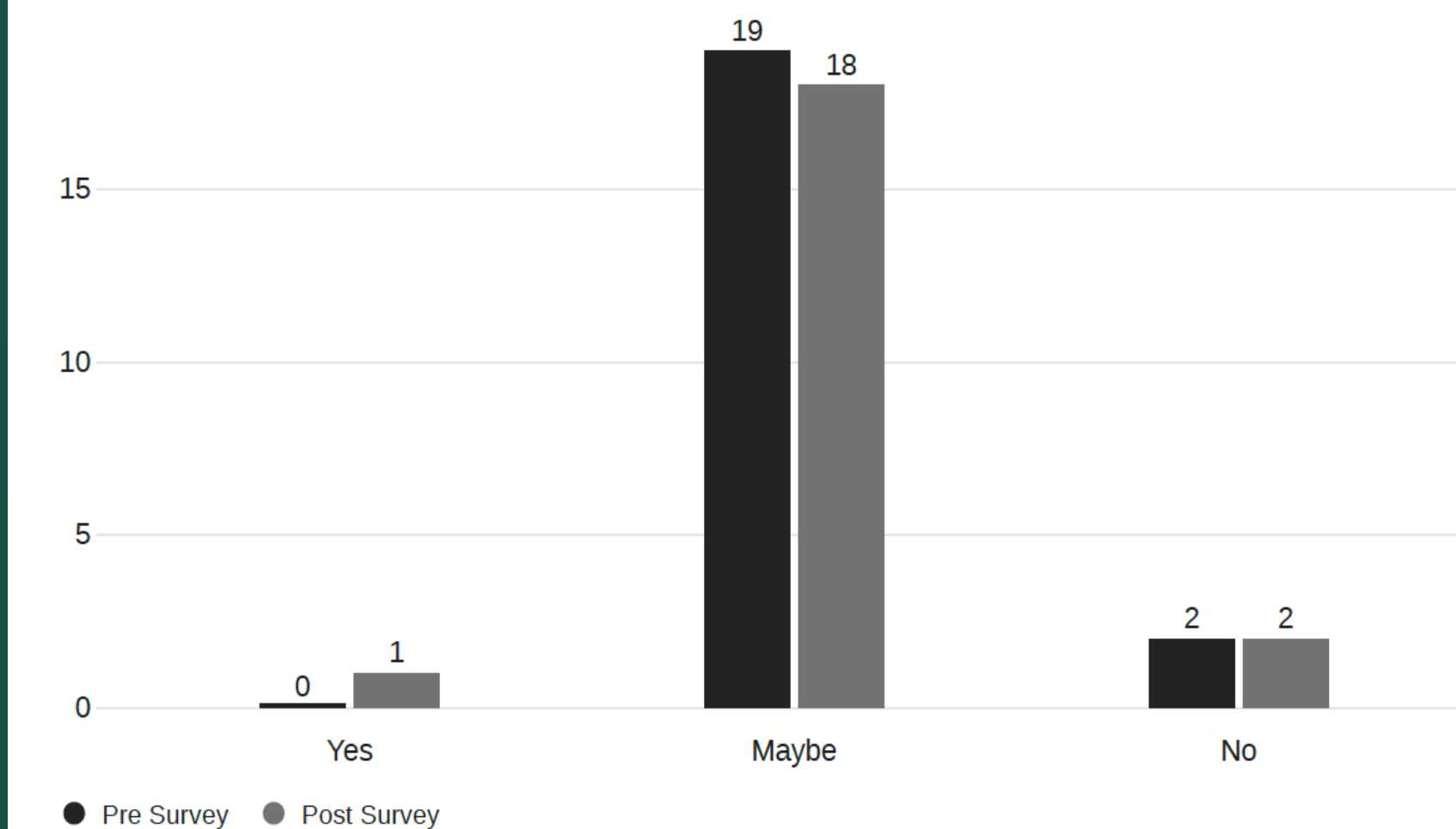
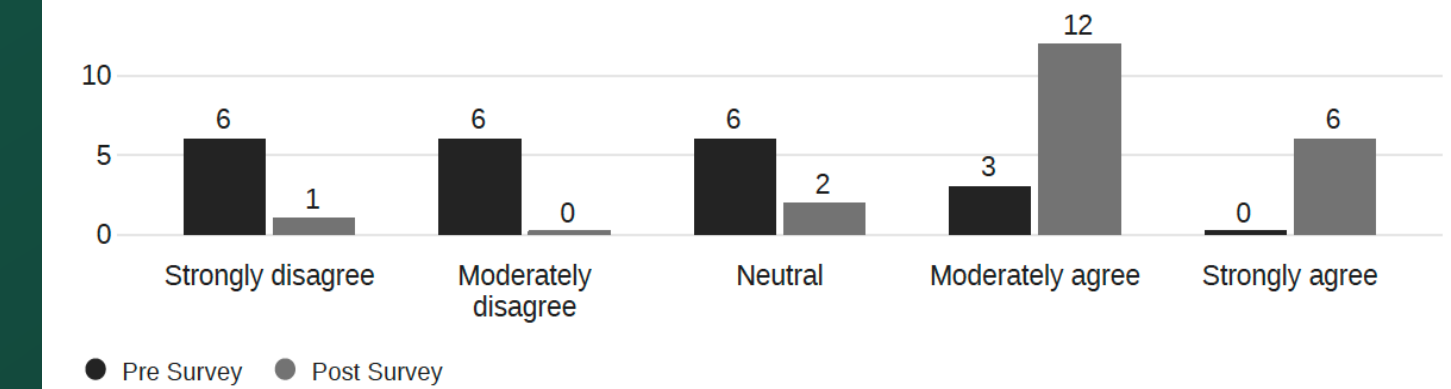


Figure 1: The top graph demonstrates the pre and post-survey results for the student-reported awareness of the different residency paths into sports medicine. The graph below demonstrates students' plans to pursue a career in sports medicine.

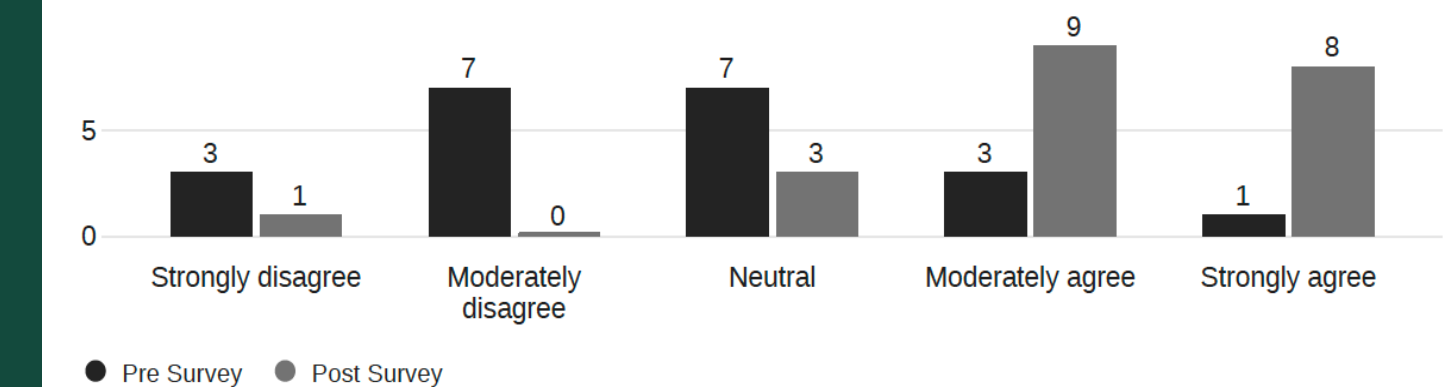
Key Words:

- Sports Medicine
- Fellowship training
- Medical student awareness
- Professional development

I have a good understanding of the advantages and disadvantages of **Emergency Medicine** training/background as it relates to the practice of Sports Medicine



I have a good understanding of the advantages and disadvantages of **Physical Medicine & Rehabilitation** training/background as it relates to the practice of Sports Medicine



I have a good understanding of the advantages and disadvantages of **Family Medicine** training/background as it relates to the practice of Sports Medicine

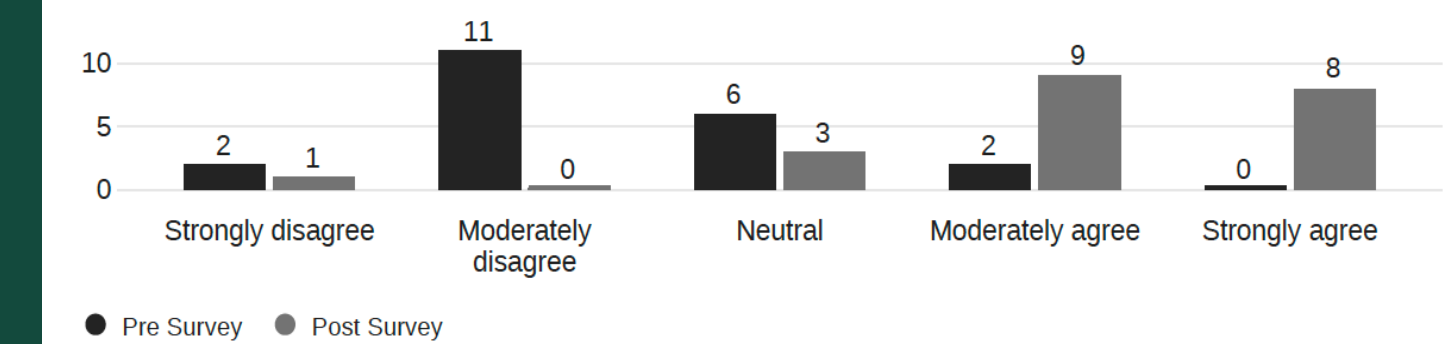


Figure 2: Three above graphs demonstrate the students reported understanding of the advantages and disadvantages of practicing from various residency backgrounds (EM, PM&R and FM)

RESULTS

- A total of 21 students attended the discussion. Seven students reported that they were aware of the different residency paths that could lead to applying for a fellowship in sports medicine prior to the discussion. Following the discussion, that number increased from 7 to 21.
- Additionally, we found no significant change in the students' desire to pursue a fellowship in sports medicine.
- There was a significant improvement in the student's understanding of the advantages and disadvantages of practicing sports medicine from different residency backgrounds.

CONCLUSIONS

- Early exposure to fellowship-trained sports medicine physicians from different training backgrounds via a simple zoom question-and-answer session can improve medical students' self-reported knowledge of the discipline.
- This may aid medical students' understanding of the avenues they can take in order to better prepare themselves for the future if they wish to pursue a fellowship in sports medicine.

ACKNOWLEDGMENTS

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