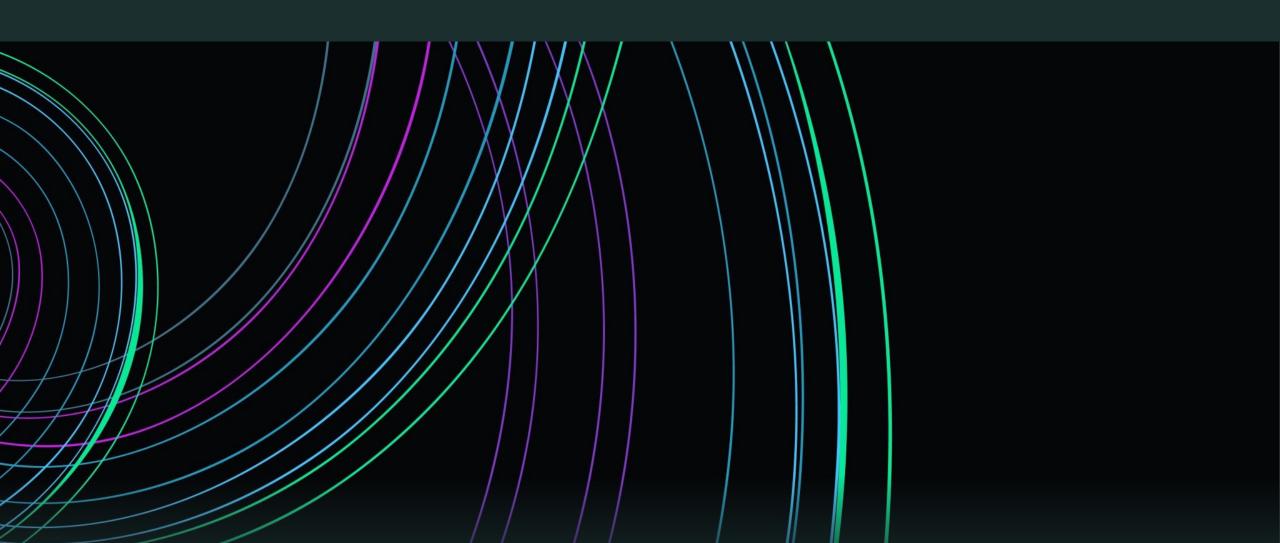
#### Near Peer Ultrasound Education

Cassidy Weeks OMS-II, Louisa Weindruch OMS-II, & John Gibson MD



## Introduction

**Current education** 

Purpose of the study

Defining Near Peer teaching

Hypothesis

**POCUS** 



# Methods



STUDENT SURVEY

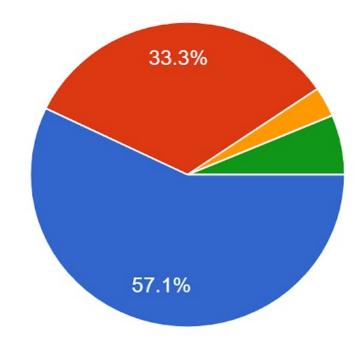


TEACHING ASSISTANT SURVEY

# Results

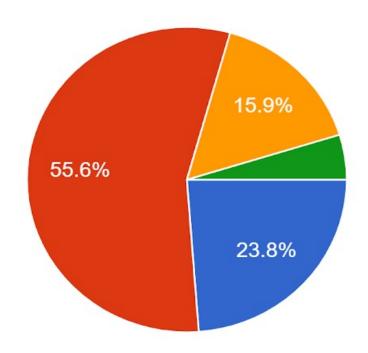


Ultrasound training is an integral part of medical education 63 responses

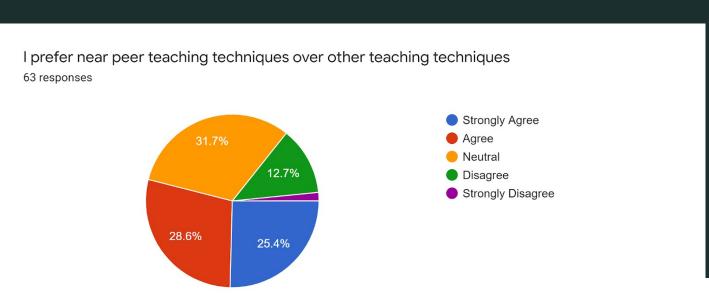




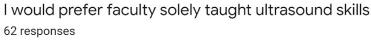
Ultrasound training has improved my understanding for system based courses 63 responses

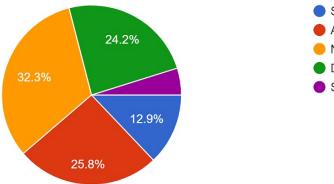








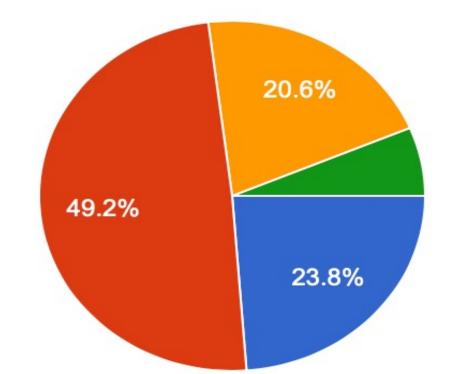




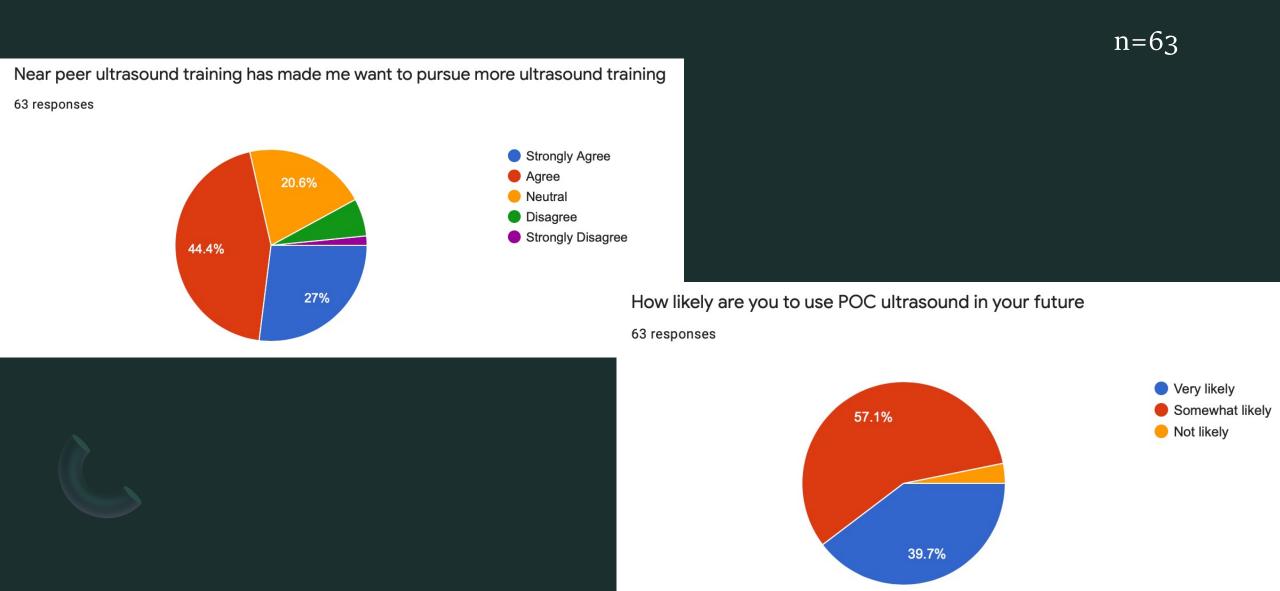


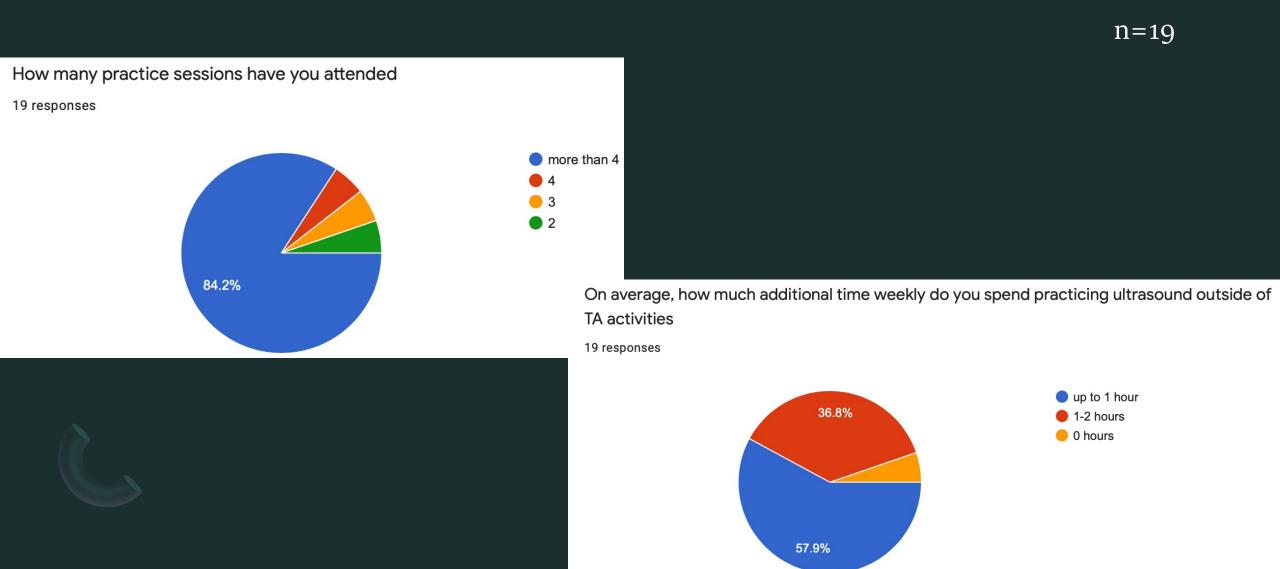
n=63

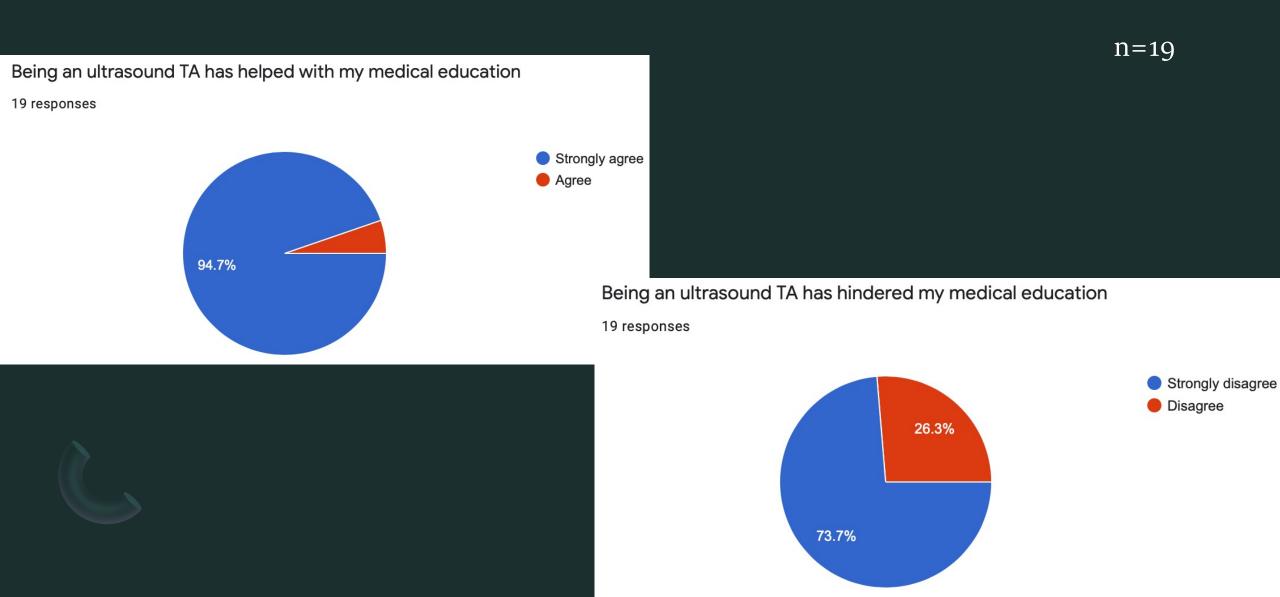
I feel my ultrasound skills have improved with near peer ultrasound training 63 responses



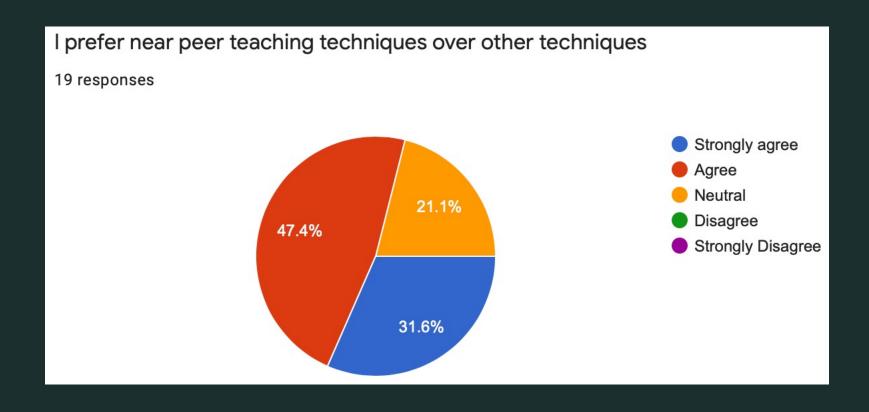


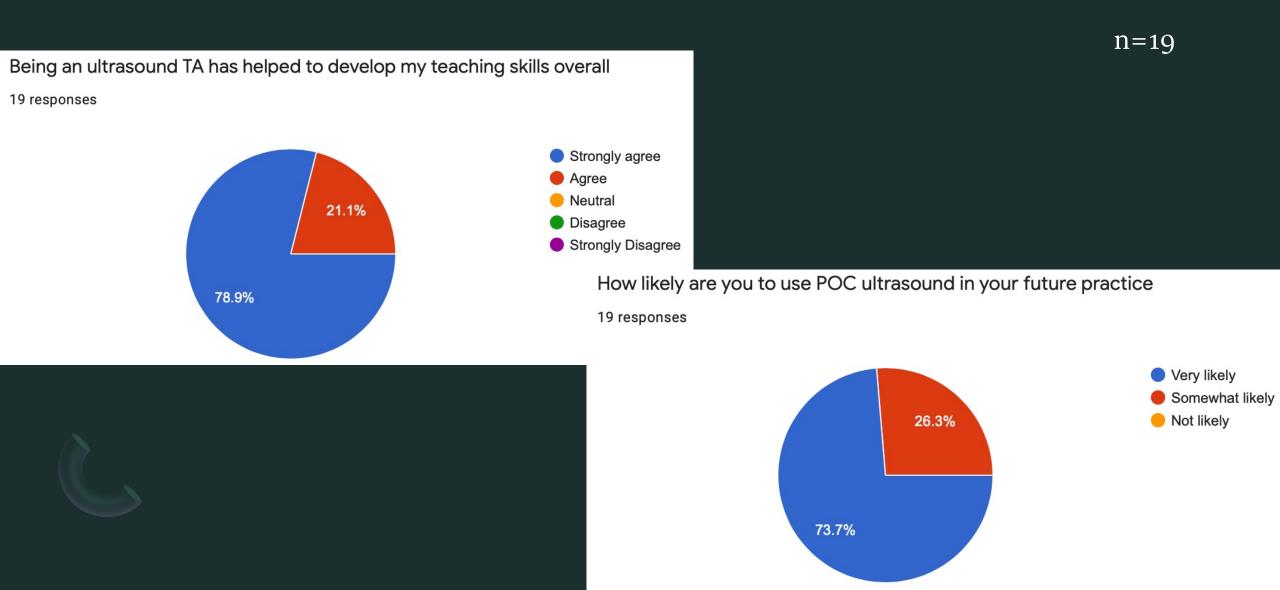






n = 19





## Conclusion



# Acknowledgements



### References

- Christopher J. Smith, Tabitha Matthias, Elizabeth, Beam, Kathryn Wampler, Lea Pounds, Devin Nickol, Kristy Carlson and Kimberly Michael. "Building a bigger tent in point-of-care ultrasound education: a mixed-methods evaluation of interprofessional, near-peer teaching approach of internal medicine residents by sonography students." BMC Medical Education (2018) 18:321
- David M. Naeger, Miles Conrad, Janet Nguyen, Maureen P. Kohi, Emily M. Webb. "Evaluation of a 'Near-Peer' Teaching Experience." Medical Student Education, Volume 20, Issue 9, pg. 1177-82, September 01, 2013
- Roma Hari, Kaspar Kälin, Michael Harris, Robin Walter, Andreas Serra. "Comparing Blended Learning with Faculty-Led
  Ultrasound Training: Protocol for a Randomized Controlled Trial (The SIGNATURE Trial)." Praxis (2020), 109, pg. 636-40
- Christoph F. Dietrich, Beatrice Hoffmann, Jacques Abramowicz, Sue Westerway, Yi-Hong Chou, Michael Blaivas. "Medical Student Ultrasound Education: A WFUMB Position Paper, Part I." Ultrasound in medicine and biology, Volume 45, Issue 2, pg. 271-81, February 01, 2019
- Alon Ben-Sasson, Yotam Lio, Jonathan Krispel, Moshe Rucham, Noad Liel-Cohen, Lio Fuchs, Sergio L. Kobal. "Peer-teachin cardiac ultrasound among medical students: A real option." PLOS ONE, March 27, 2019

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# Questions

