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Background

- The Interventional Radiology & Diagnostic Radiology Certifying Examination (IR/DR CE) includes an oral exam using case-based scenarios, yet less than one-third of IR residents report mock-oral board exams (MOBEs) by their institution*.
- As MOBEs are case driven, it may help trainees become more familiar with the format of the exam, and feel more prepared prior to the IR/DR CE.
- Whether MOBEs are a useful preparation strategy has not yet been elucidated in IR trainees.

Methods

- Two mixed-method surveys were sent to PGY-6 IR residents graduating between 2022-2023.
- Residents were assessed at two time points: prior to the MOBEs and after the MOBEs.
- An unpaired t-test was used to compare scores on their perceived level of preparation, uneasiness, and familiarity of the exam.
- Trainees were also assessed on their level of comfort across the three tested competencies of the CE after the MOBE.

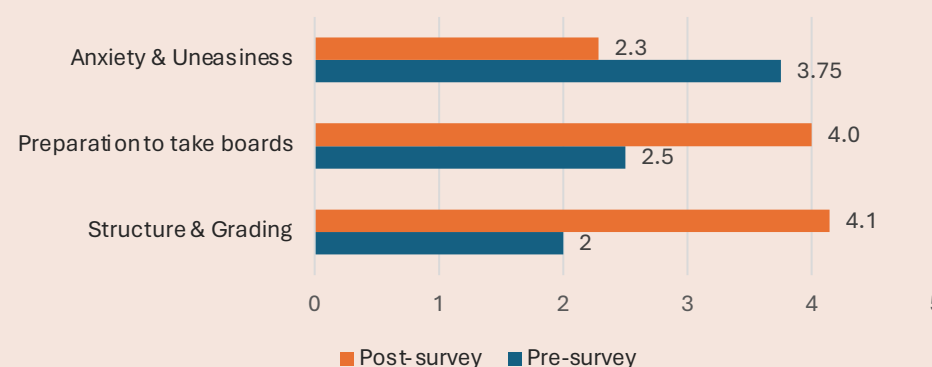
Conclusions

IR trainees have positive perceptions on the utility of MOBEs. Implementation of MOBEs across IR programs may provide a robust preparation strategy and better familiarity about the certifying oral board examination to help improve scores.

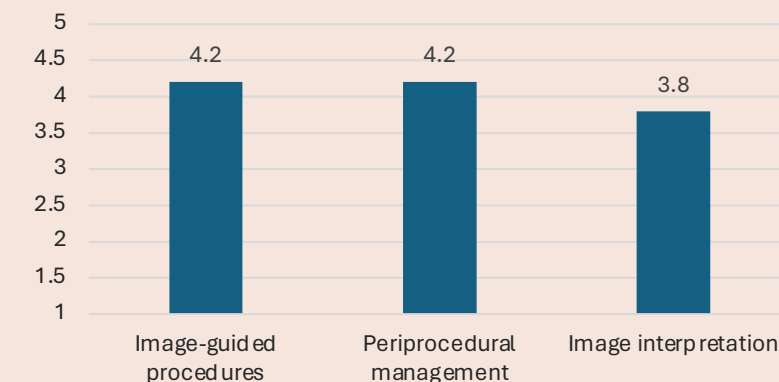
Results

- Seven (7) PGY-6 residents graduating between 2022 and 2023 completed the MOBE surveys.
- Residents reported:
 - An increased level of familiarity with the structure and grading of the exam ($p=0.007$), and level of preparation ($p=0.024$) compared to pre-MOBE.
 - Less anxiety about taking the oral CE post-MOBE ($p=0.001$).
 - More comfort in 2 of the 3 tested competencies of the CE: discussing peri-procedural management and image-guided interventions.
- However, residents did not report a change in comfort level when discussing image interpretation.

Pre-MOBE vs. Post-MOBE Residents' Perceptions



Post-Intervention Comfort with Tested Competencies



References

*An, T. (2021, Winter). IRQ articles. IR Quarterly. <https://connect.sirweb.org/e-irq/participate/viewirqarticle?DocumentKey=6800e2d4-4a7b-43b6-b357-5f1413c8139d>.