

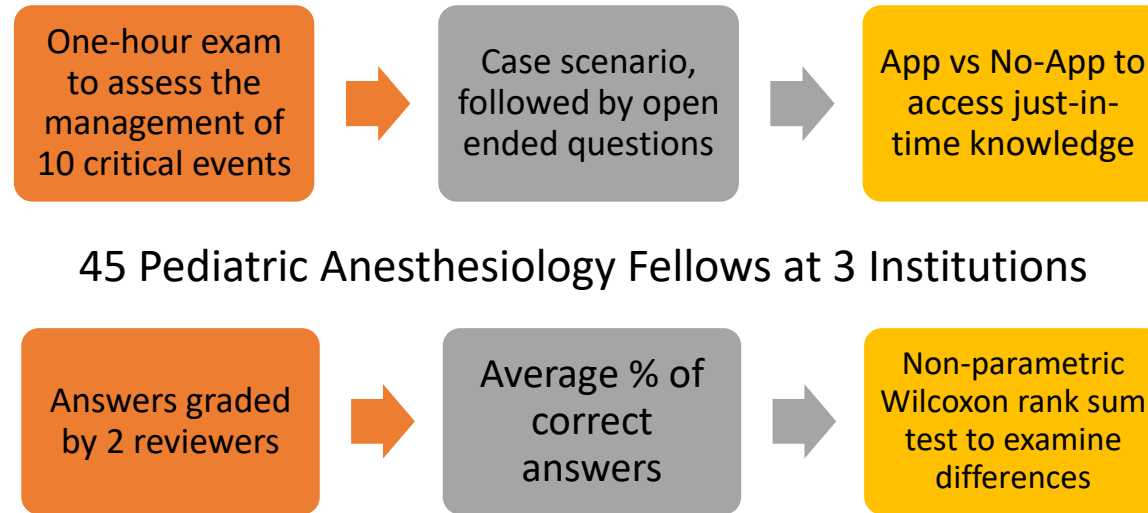
SPA's Pedi Crisis App as a Teaching Tool for Pediatric Anesthesia Fellows: A Randomized, Controlled Prospective Study

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Background

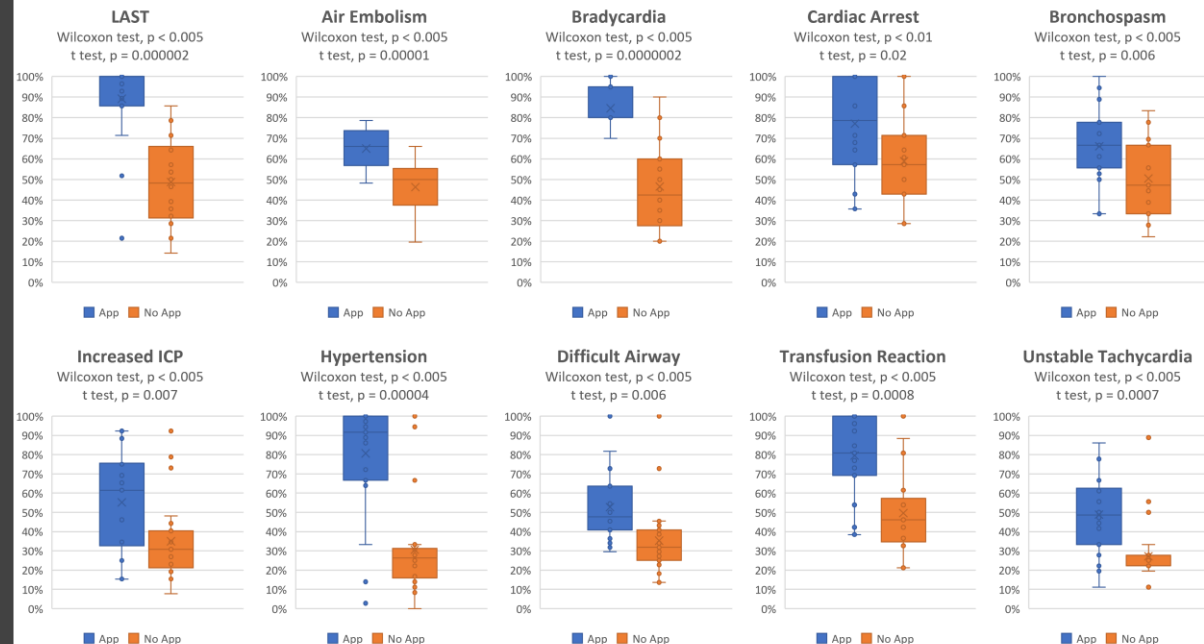
Life-threatening, critical events in the operating room are managed in a fast-paced, high-distraction atmosphere, often with little time to think or deliberate about treatment options. In 2019, the Society for Pediatric Anesthesia (SPA) released the Pedi Crisis Mobile Application Version 2.0 (app) to assist clinicians in the management of critical perioperative events in children.¹

Can the Pedi Crisis App Be Used as a Formal Teaching Tool?



45 Pediatric Anesthesiology Fellows at 3 Institutions

Percentage of correct answers was statistically higher with app

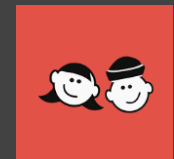


Conclusions

Pediatric anesthesiology fellows were significantly more successful at describing the management of critical events when using the Pedi Crisis app, compared to their peers not using the app.

Cognitive aids should be an integral component of pediatric anesthesiology fellowship training curricula.

PediCrisis App v2.0



References

1. Clebone A, et al. Development and usability testing of the SPA Pedicrisis mobile application. *Anesth Analg* 2019; 129: 1635-44.

Disclosures: None