



MOCA-Peds 2018[®] Pilot Results: Outcomes, Learning, Clinical Practice Changes, and What is to Come

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Disclosures

All presenters are employed by the American Board of Pediatrics.



Agenda



OVERVIEW OF PILOT



RESULTS



2019 AND BEYOND



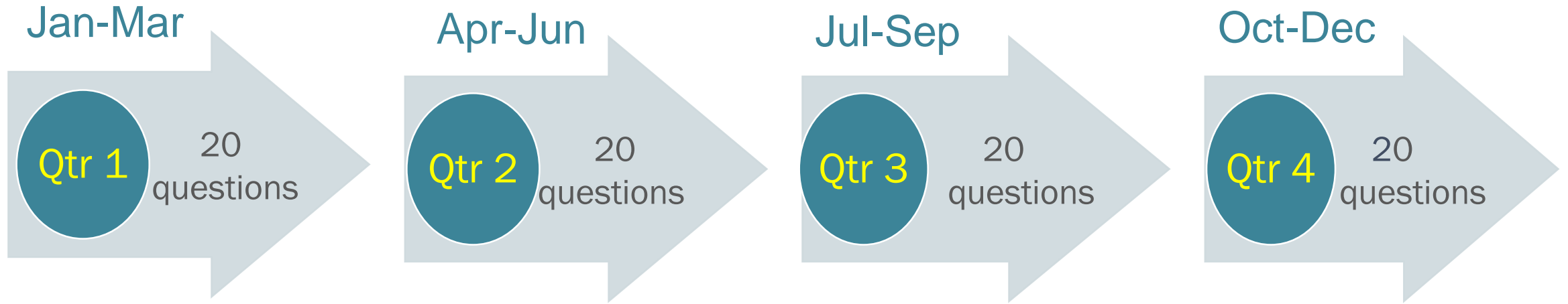
MOCA-Peds Overview

- ✓ Continuous assessment tool
- ✓ Series of questions at quarterly intervals
- ✓ Delivered via web or mobile device at home or office
- ✓ Focuses on assessment and learning
- ✓ Designed to fulfill the MOC Part 3 requirement





Question Delivery



- 80 delivered questions annually.
- Flexibility to answer within quarter, one-at-a-time, or in batches.
- Questions must be answered by end of quarter.
- You must wait for the next quarter before beginning the next set.



Content

80
questions
annually

- 40 learning objectives (LOs)
- Two questions (partners) per LO
- Instant feedback with rationales
- Two featured readings (eg, guidelines)
- Multiple-choice, single-best answer
- Five minutes per question
- Confidence and relevance ratings
- Question history repository



Use of books, online references, resources is allowed, but should not be needed.



Discussing, sharing of questions is **NOT** allowed.



Eligibility To Participate

- Meeting MOC requirements in General Pediatrics
- MOC Part 3 exam due in General Pediatrics in 2018
- Those electing to return from 2017 pilot



Incentive for Engagement

- MOC Part 3 secure exam at Prometric is deferred
- 5 points of Part 2 credit



Research/Evaluation Effort

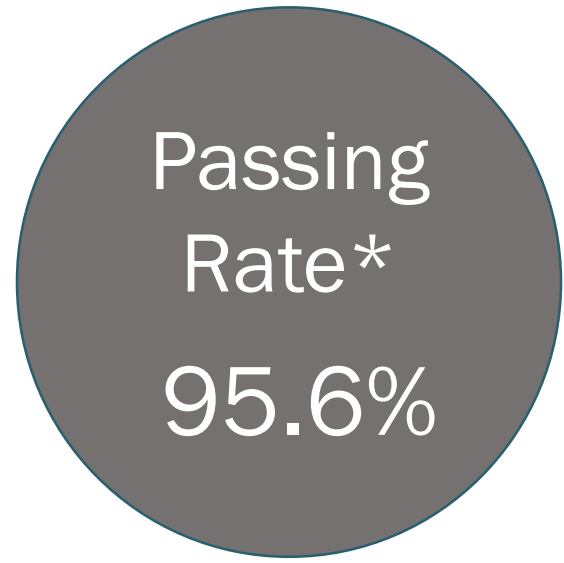
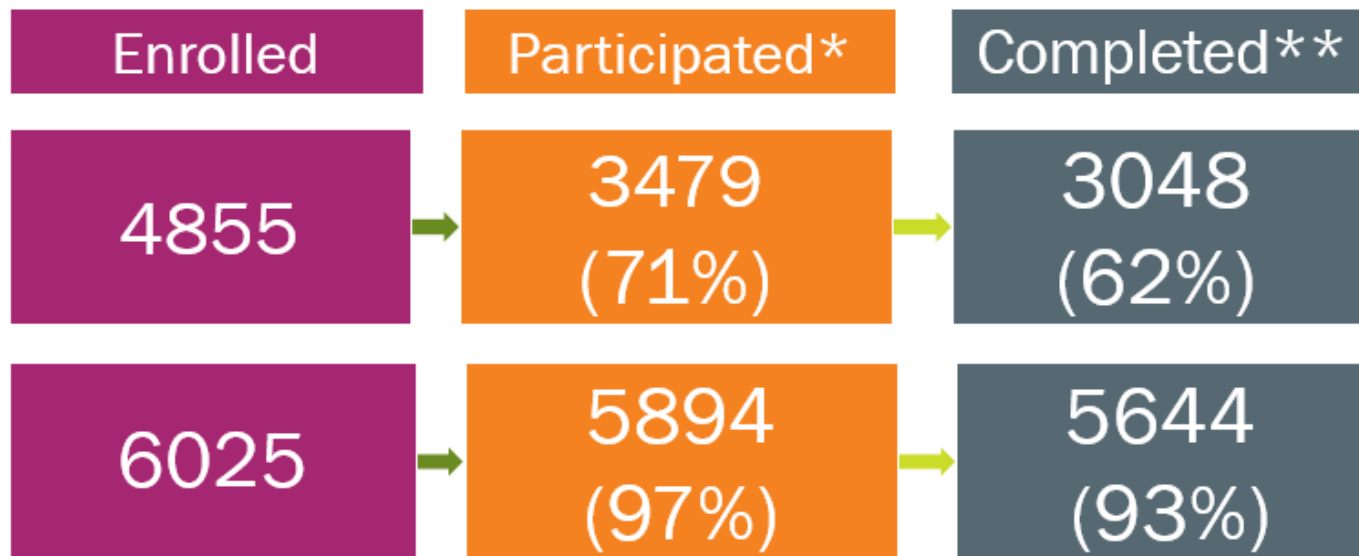
- Partnership with Research Triangle Institute
- Initial Registration Survey
- End of Quarter 3 Survey
- End of Year Survey
- Multiple Focus Groups



Pilot Results



2018 Participation



*based on all enrolled

*answered at least one question; **completed all 80 questions



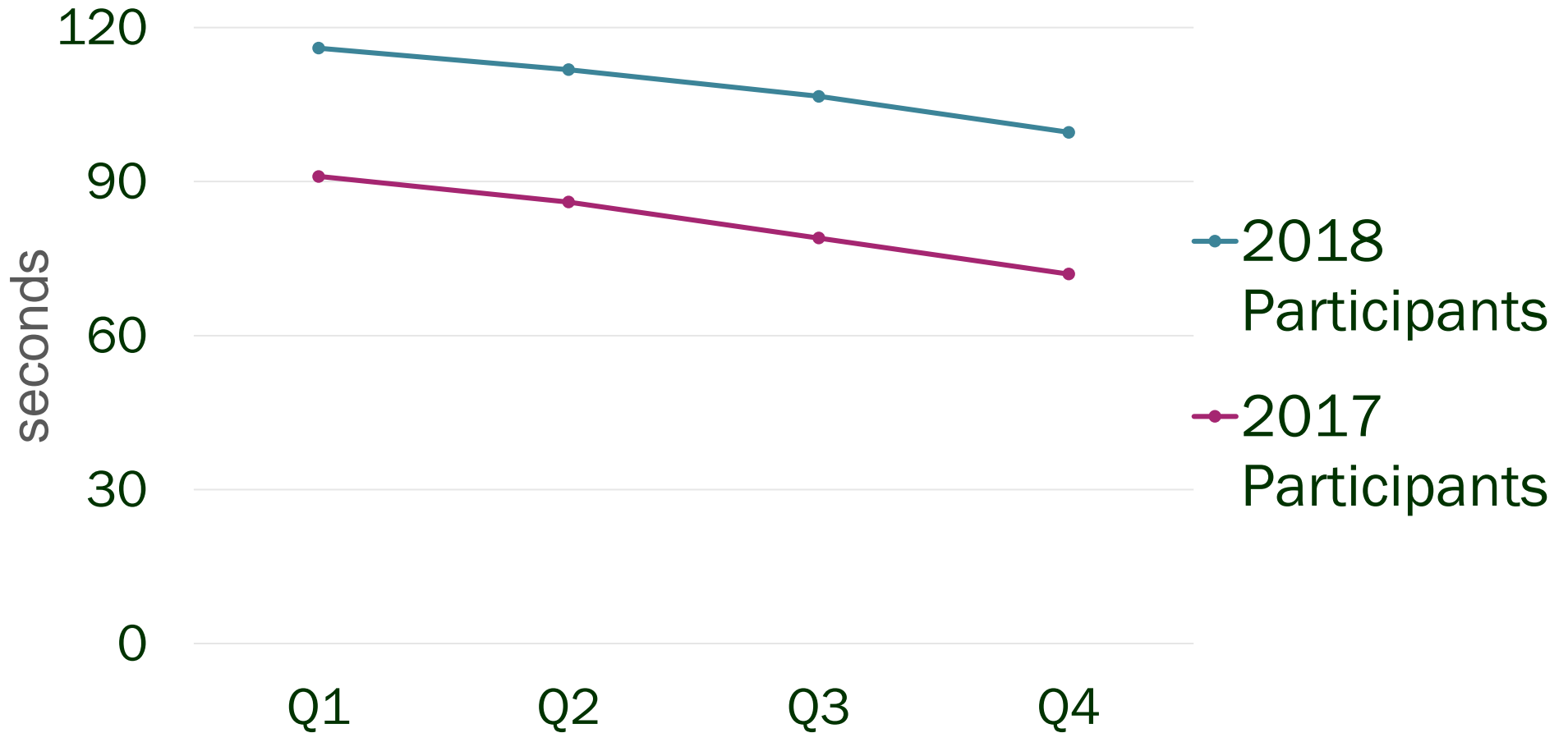
Test Security

- Web Patrolling
- Data Forensics
- No indication of issues

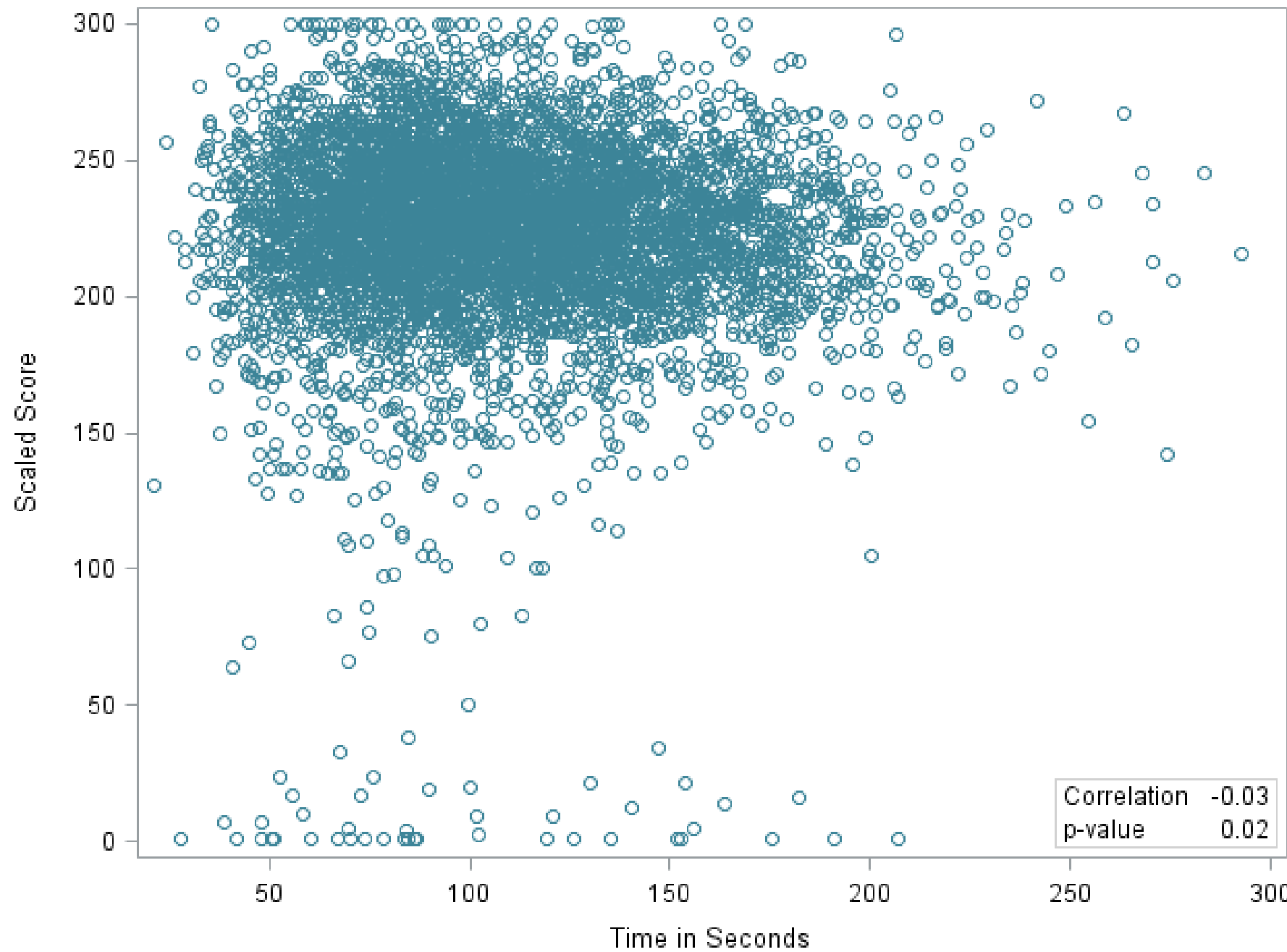




Question Response Time by Quarter (mean)



Relationship
between
Time and
Overall
Score



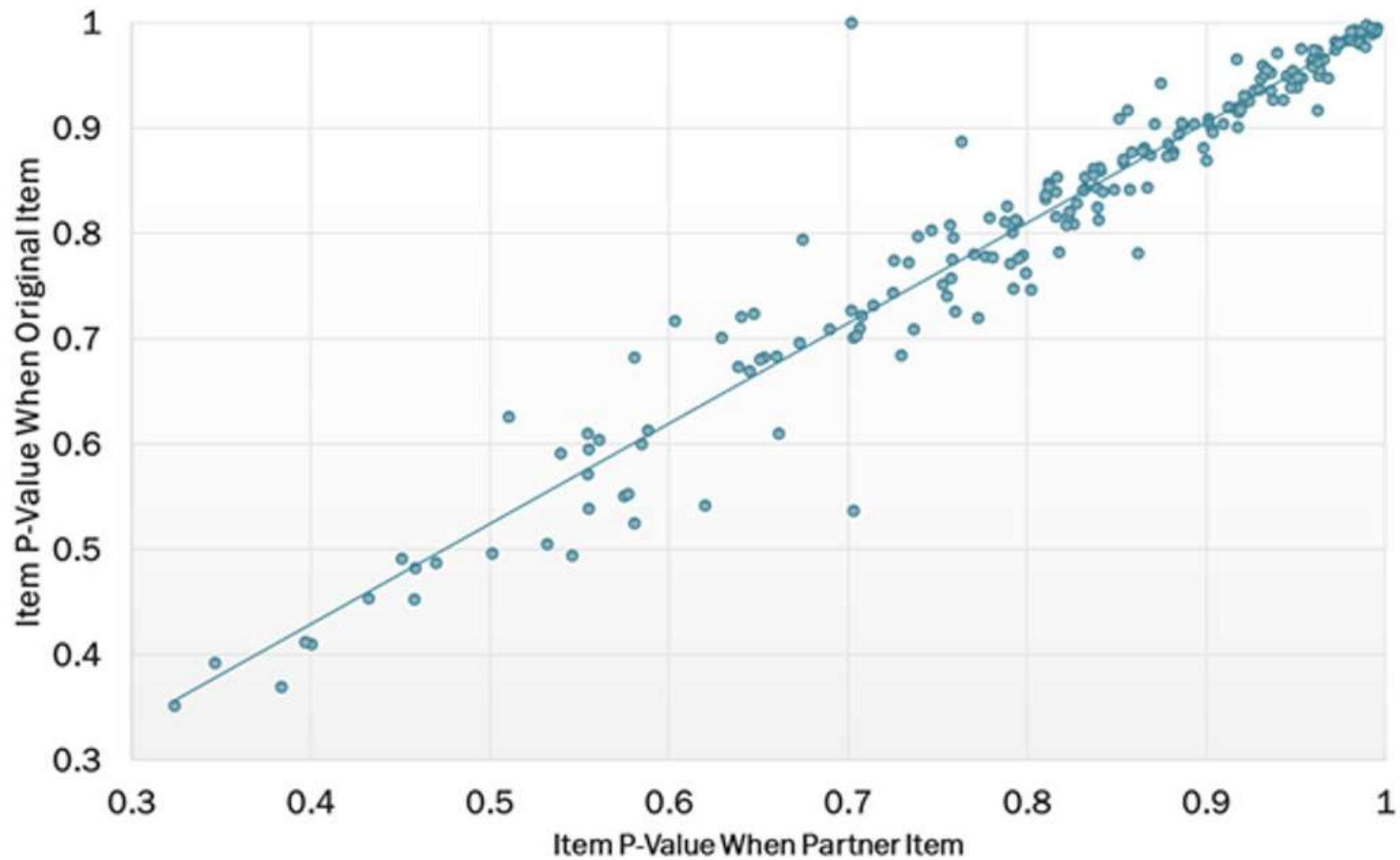


Partner Questions

Definition: The second question a pediatrician receives on a given learning objective.

- Performance increased slightly on partner questions.
- Relevance ratings highly correlated.
- Partner questions took 10 seconds less time to answer.
- Confidence ratings decreased slightly.

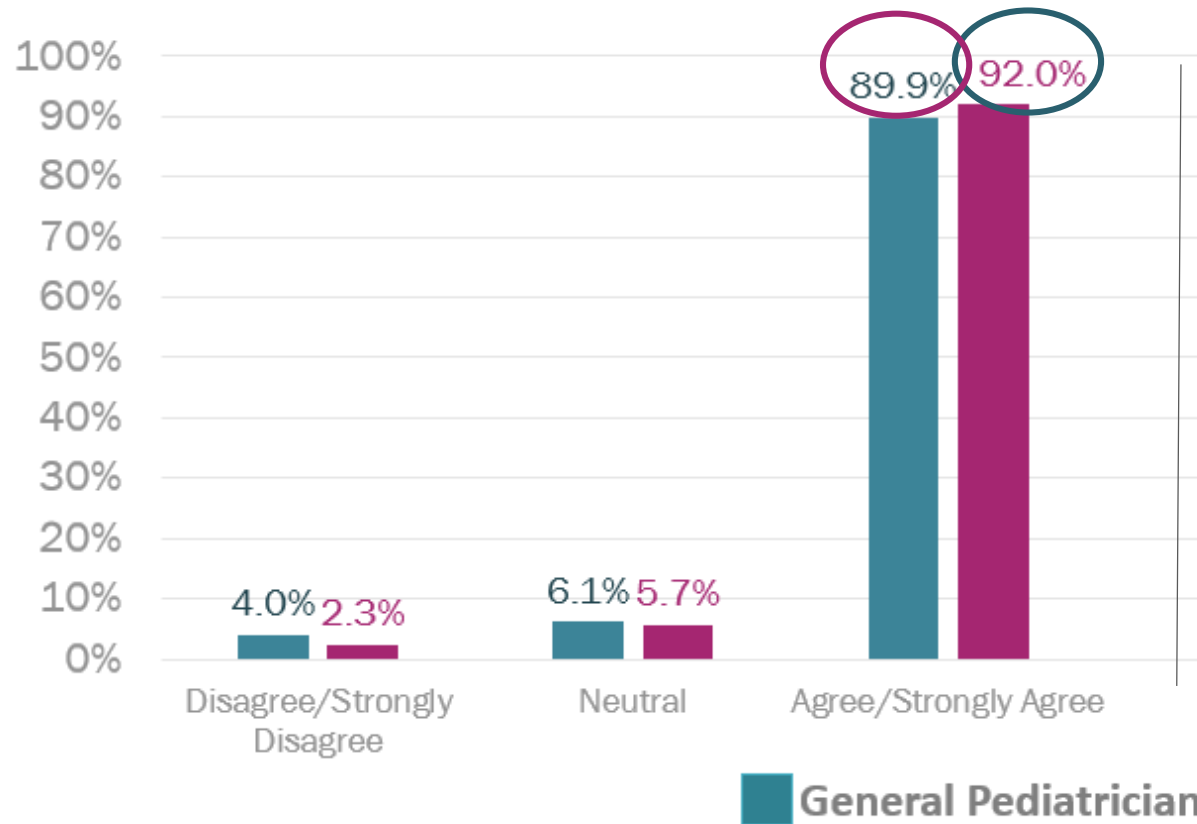
Relationship
between
Partner Item
Difficulty



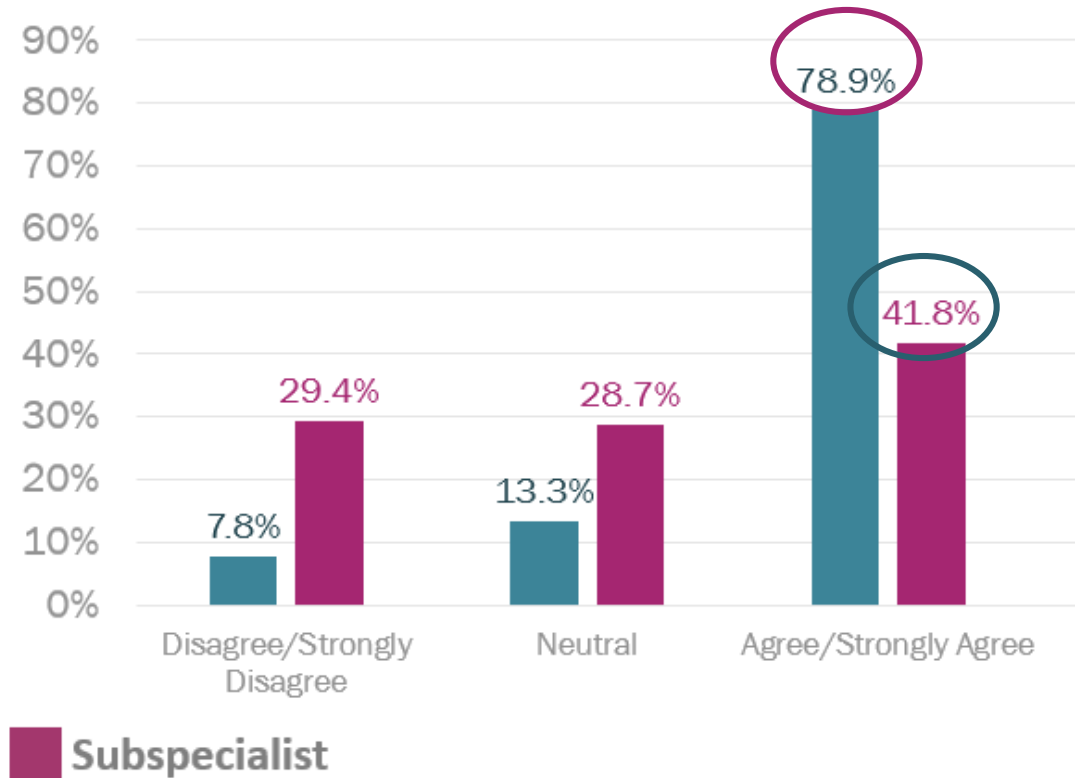


Questions were relevant to...

General Pediatrics



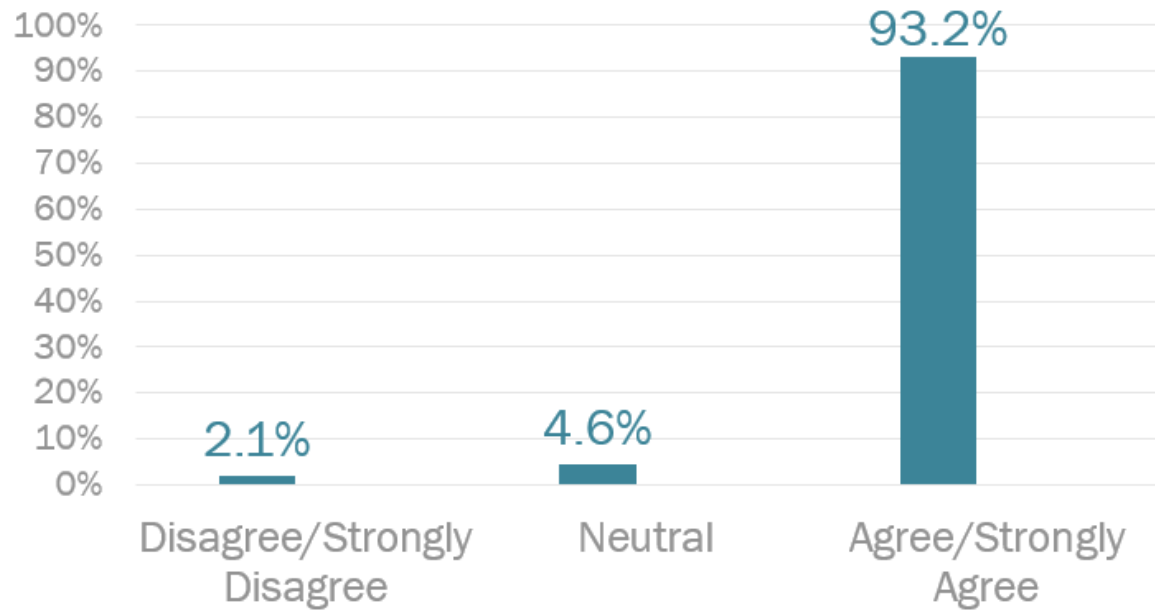
My Practice



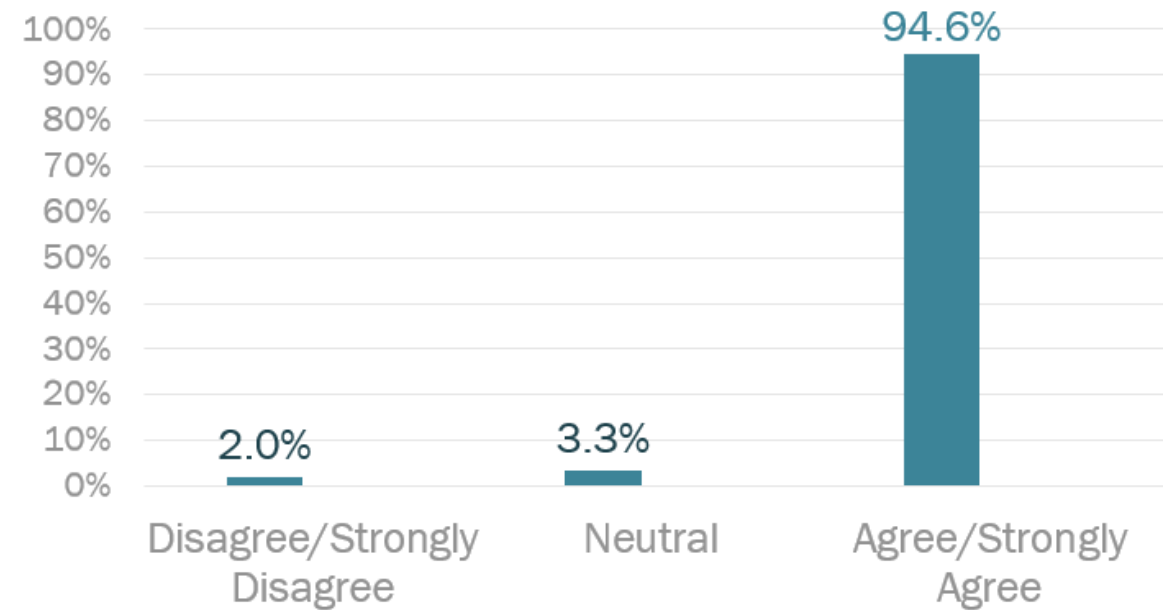


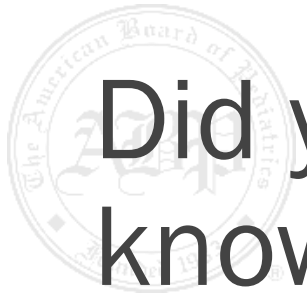
Questions on the guidelines...

Helped me **stay current** in
General Pediatrics

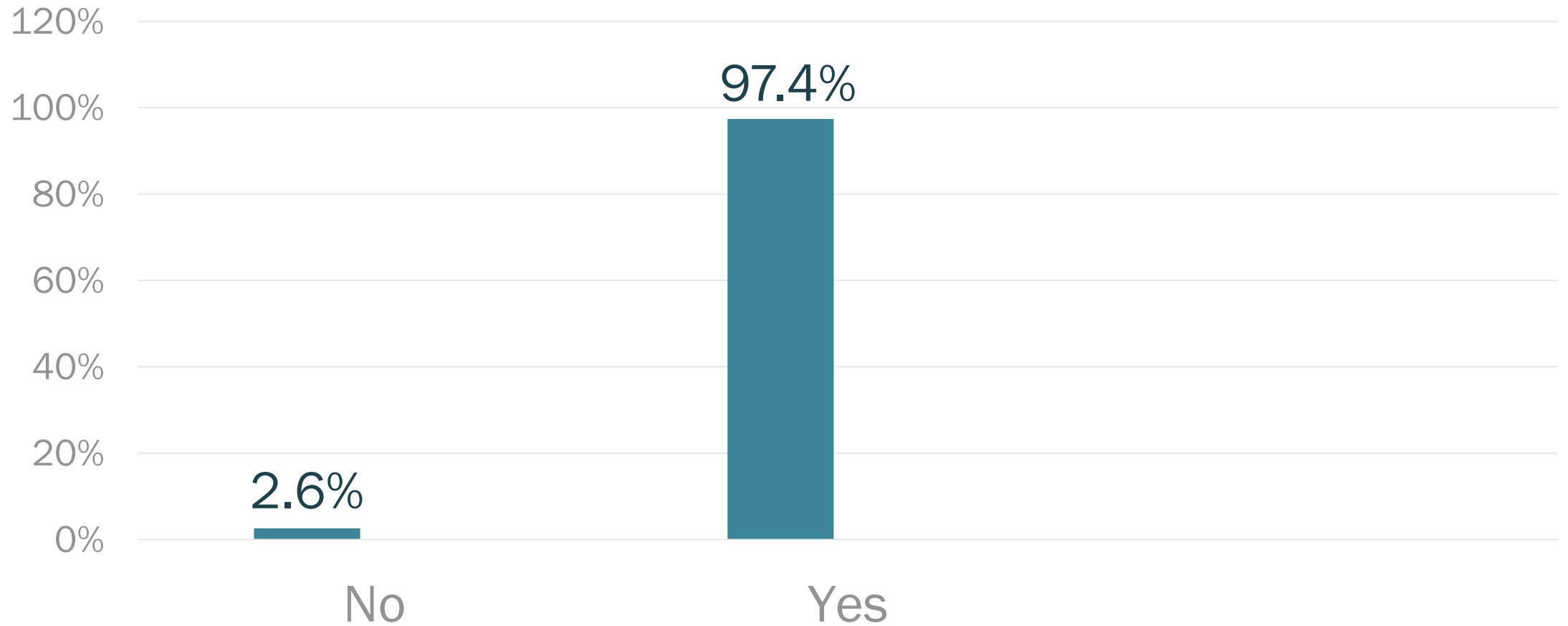


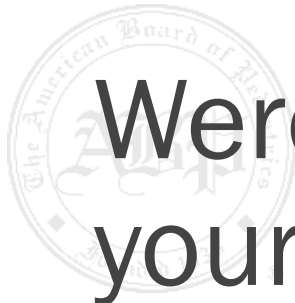
Were **relevant** to
General Pediatrics



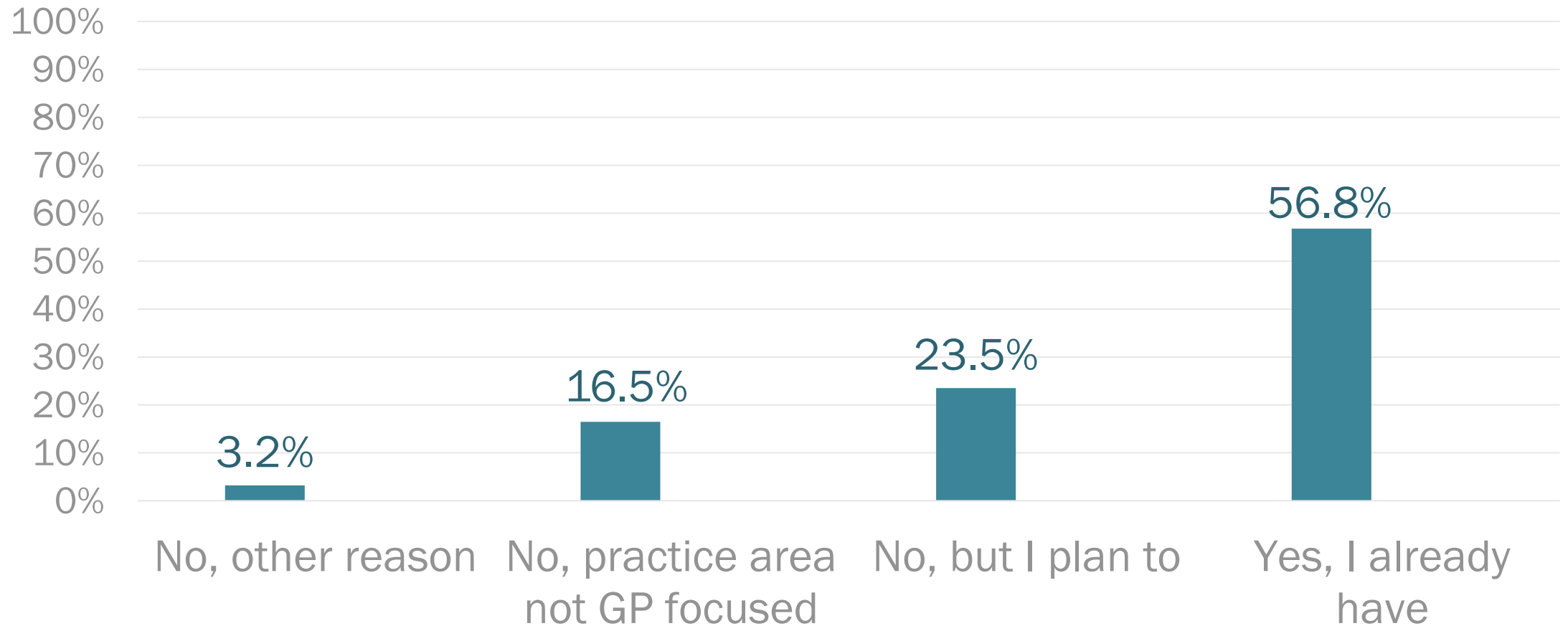


Did you learn, refresh, or enhance your medical knowledge based on using MOCA-Peds?





Were you able to apply what you learned in your clinical practice?





Other survey data...

Approximately...

- 78% rated the quality of the content as good or excellent.
- 80% felt model was feasible.
- 80% found questions at level of difficulty expected.
- 95% noted they would use MOCA-Peds in the future to maintain their certificate.

For More Research
Data...



MOCA-PEDS: RESEARCH AND EVALUATION

HOME > RESEARCH > MOCA-PEDS: RESEARCH AND EVALUATION

With input from more than 10,000 board-certified pediatricians, the American Board of Pediatrics (ABP) developed a new option for pediatricians to fulfill their Maintenance of Certification (MOC) exam requirement.

This page describes the research methods used to build and evaluate the online, non-proctored assessment platform called MOCA-Peds (Maintenance of Certification for Pediatrics) and provides some of the research results.

RESEARCH

WORKFORCE

MOCA-PEDS: RESEARCH AND EVALUATION

PEDIATRIC MILESTONES

PUBLICATIONS

RESEARCH ADVISORY COMMITTEE

Learn More About the 2017-18 Pilot

- [2017: Who participated, where they live, and what they think about it](#)
- [2018: Who participated, where they work, and how they stay up-to-date](#)
- [2017: Evaluation results \(PDF\)](#)
- [2017 and 2018: Evaluation results \(see interactive report below or download PDF\)](#)

[https://www.abp.org/
content/moca-peds-
research-and-
evaluation](https://www.abp.org/content/moca-peds-research-and-evaluation)

June 2019



MOCA-Peds Pilot Summary

Summary of the MOCA-Peds pilots in 2017 and 2018, including use patterns, feasibility, acceptability, scoring, and more.



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Certifying excellence in pediatrics - for a healthier tomorrow



Major Takeaways

- Guidelines were well received.
- General model was well received.
- Partner questions were neutral.

How can we incorporate more guidelines or featured readings but still maintain the assessment component and not make MOCA-Peds burdensome?



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MOCA-Peds Model Today



Model Design in 2019

Core Knowledge

- 45 learning objectives
- 1 question per learning objective
- 45 questions total

New Knowledge

- Up to 4 featured readings
- 2 questions per featured reading
- 0 to 8 questions total

+

15 repeat questions

Based on confidence/relevance ratings and questions missed

+

Up to 4 “time-sensitive” topic questions

Space holder in the event we need to push something out quickly

Total Number of Questions	Annually	60 to 72
	Quarterly	15 to 18 (approximately 20)



Implementing a Recommender System



Recommend questions pediatricians would find relevant based on prior ratings.

To learn more about
Featured Readings
and the
**Recommender
Systems**

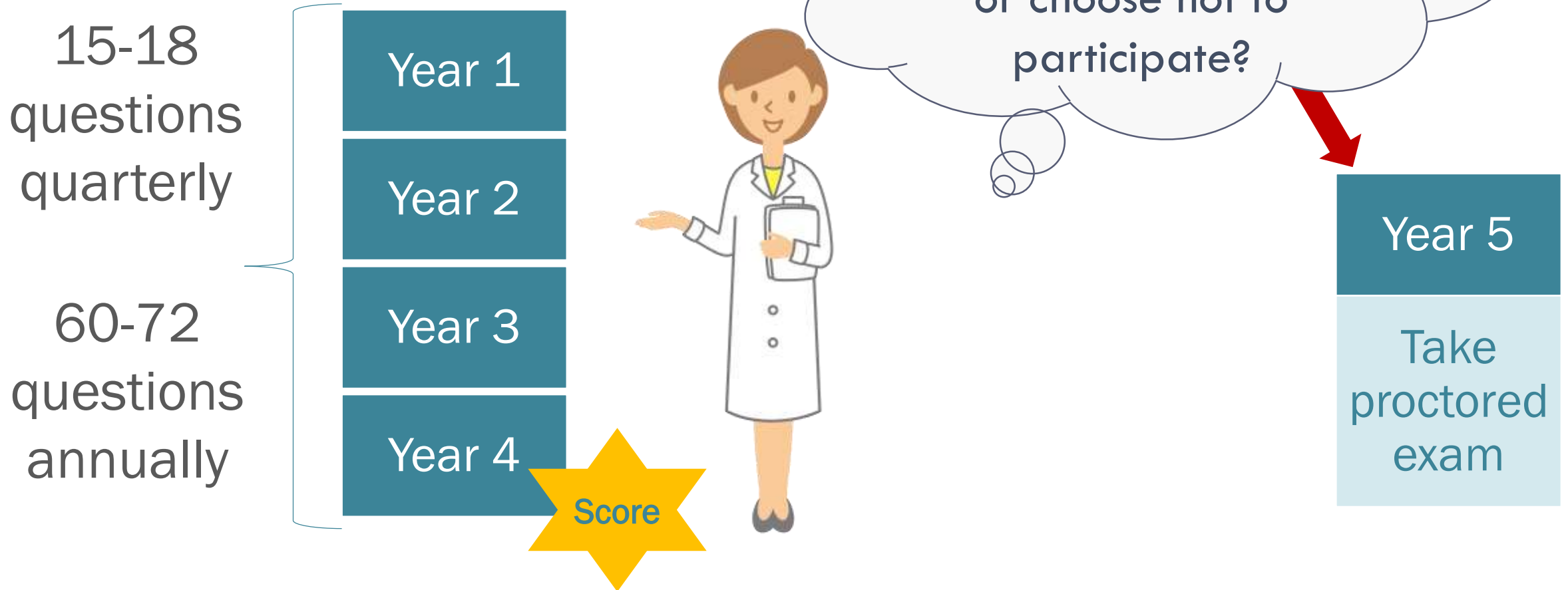
**Improving the Relevance of
Continuing Certification:
Directions, Challenges, and
Implementations**

Wednesday - 10:30-11:30am



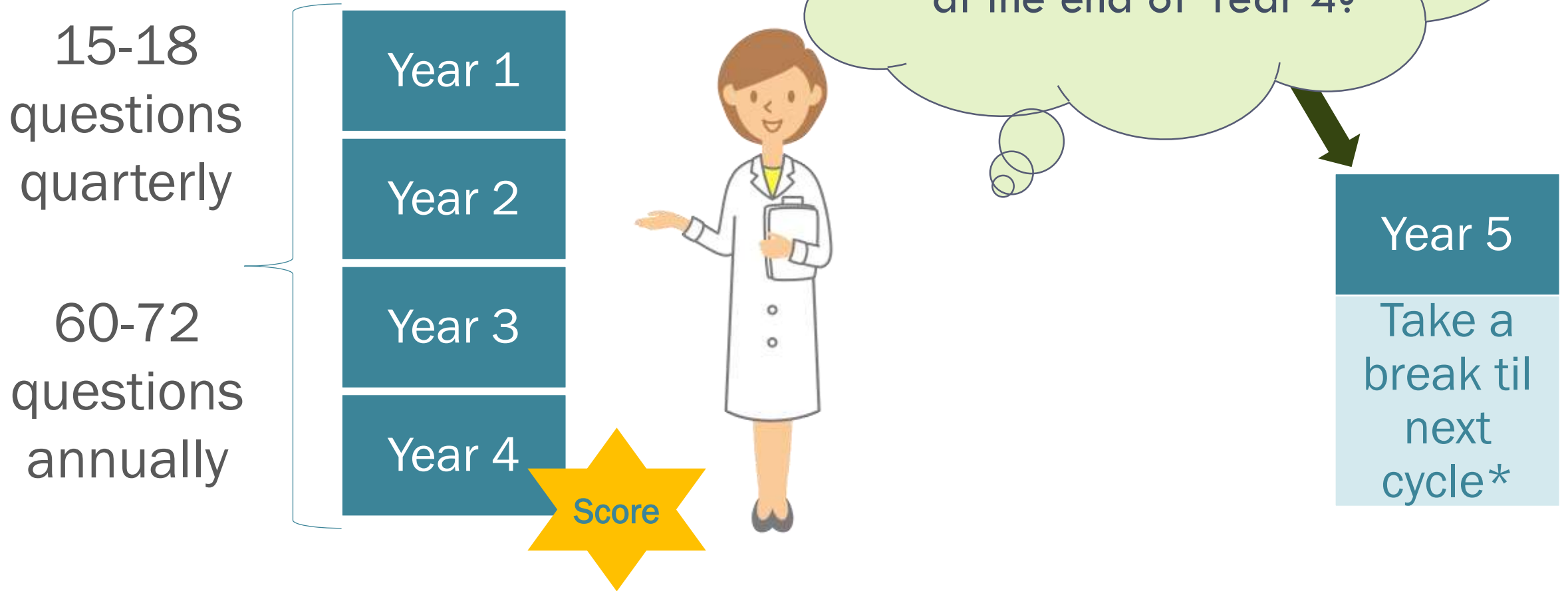
How will MOCA-Peds
work in the MOC Cycle?

Five-year MOC Cycle



**Pediatricians also receive MOC Part 2 credit for each year of successful participation.*

Five-year MOC Cycle



**Pediatricians may choose to continue participating for MOC Part 2 credit.*



Life Circumstances/Tech Issues/Scoring

- Scoring process will drop the lowest 4 quarters of performance at the end of year 4.
- Pediatricians will know at end of year 3 if meeting the passing standard.
- If passing at end of year 3, then years 4 and 5 are optional.



MOCA-Peds 2019

Now Live

General Pediatrics

Child Abuse Pediatrics

Pediatric Gastroenterology

Pediatric Infectious Diseases



Next Round of MOCA-Peds

2020

- Developmental Behavioral Pediatrics
- Neonatal-Perinatal
- Nephrology
- Pulmonology

2021

- Critical Care Med
- Endocrinology
- Hospital Medicine
- Rheumatology

2022

- Adolescent Medicine
- Cardiology
- Emergency Medicine
- Hematology/Oncology



For more information



ABP.ORG/MOCAPEDS



EMAIL: MOCAPEDS.ORG

Thank you.
