MOCA Minute™: Overview and Potential Use for Summative Assessment

Ann E. Harman, Ph.D.
Chief Assessment Officer
American Board of Anesthesiology
MOCA Minute™: Overview

• First piloted January – June 2014
• Engages busy physicians through a continuous, dynamic assessment of knowledge
• Provides focused content that can be accessed and reviewed later to refresh knowledge
• Allows diplomates to quickly assess their knowledge and then guides them to resources to strengthen their expertise
Here is this week’s MOCA Minute CQI on the "I’m ready" link below. This could
I’m ready -- Ask a MOCA ques
I’ll skip the question this week.
MOCA Minute™ Pilot Results

• First phase of the pilot completed

• Diplomate feedback shows very positive experience

• Diplomates who actively participated in MOCA Minute scored higher than diplomates who did not participate
MOCA 2.0 Pilot

• The ABA will launch a MOCA 2.0 pilot on Jan. 1, 2016.
• The MOCA Minute™ will replace the current MOCA Examination as the Board’s MOC Part 3: Assessment of Knowledge, Judgment, and Skills during this pilot.
• All diplomates who have certificates that expire in 2016 or later and who are participating in MOCA will be enrolled in the pilot.
MOCA Minute™: Potential Use for Summative Assessment

• Using an intensive longitudinal assessment model based on the MOCA Minute™ application:
  • Diplomates will answer a minimum of 30 questions per calendar quarter
  • We will collect 120 data points from every diplomate every year a diplomate decides to maintain their certification
  • Diplomates will build a continually-updating profile of their content knowledge over the course of their career
  • These data can be used to make a dynamically summative judgment at any point(s) during a diplomate’s career if their content knowledge profile shows their content knowledge falls below the ABA’s standard too frequently or for too long
Future Possibilities for MOCA Minute™

• Using the MOCA Minute™ application:
  • Across a 40-year career we would collect 4,800 data points per diplomate
  • Assume 40,000 diplomates per year, each with a 40-year career
  • That’s 4.8M data points per year
  • And 192M data points over the course of 40 years
  • A total of 1,200 data points will be collected during last 10 years of diplomate’s careers when he or she typically would be 62- to 72-years-old