ABFM Update

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VP of Psychometric Services
Certification is ONE thing!

• We have one certificate for everyone.
• It is the same for initial certifiers and recertifiers in ALL RESPECTS.
  • Part 3
    • Same Exam, Same Specifications
      • Less work for Test Development & Psychometrics
      • Larger sample sizes for item calibration
      • Initial certifiers and recertifiers are directly comparable!
    • Same Passing Standard
    • No hazing the new guy
  • Part 1, Part 2, and Part 4 requirements must be completed for initial certifiers PRIOR to being certified.
ITE and the Bayesian Score Predictor
Purpose of the ITE

• Provide residents with a low-cost, low-stakes opportunity to take a test that has the same look and feel as the *MC-FP Examination*.

• Give residents and program directors meaningful feedback regarding the resident’s progress toward becoming ABFM certified.

• Equated ITE directly to the certification exam scale.
  • ITE score is our prediction of how a resident would do RIGHT NOW!
  • You can impose the MPS on this scale.

• The Bayesian Score Predictor predicts FUTURE performance.
  • It yields a probability of passing.
Bayesian Score Predictor

If you need assistance with the Bayesian Score Predictor please contact Thomas O'Neill, Ph.D. by phone at 888-995-5700 Ext. 1125 or email at tonell@theobfm.org

Reset   Instructions

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FOUNDATION
Simulations
Basic Bayesian Network Format for Simulation

Actual Disease

Diagnosis Made

Change is the Value Of Information (VOI)
Bayesian Network for Dyspnea

Change in the Base State is the VOI
Value of Information (VOI) as an Answer Key

Rasch Partial Credit Model

Value of Information index
TRADEMaRQ & DAQUERI

Data Extraction for Part 4
Data Extraction

• **TRADEMaRQ: TRial of Aggregate Data Exchange for MOC And Raising Quality**
  • Make quality reporting a byproduct of ambulatory care and ongoing quality improvement.
  • Diplomates or their clinics send us their measures.

• **DAIQUERI: Data Aggregation and Intelligence Quality Engine for Research and Improvement**
  • We pull their measures and hand them back patient-level data.
  • Creates measures from data.
TRADEMaRQ  DAIQUERI

Family Medicine Registry
Family Medicine Registry

- PQRS
- Meaningful Use
- MOC
- Researchers
- Measure Development

#FOTC2015
Possibilities

• Given the types of data we collect, it might be possible to use practice data to directly measure physician ability (Part 3).

• This would be some ways off.

• Obstacles to overcome
  • Common frame of reference
  • Adequately cover the full spectrum of Family Medicine
  • Adjustments for severity of patient illness, degree of patient compliance, other social determinants of health, etc.
  • Issues of individual physician ability vs quality of a team.
  • DAIQUERI seems more promising for this, than TRADEMARQ.
THANK YOU!