



American Board of Radiology Mission

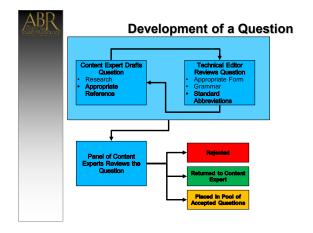
"To serve patients, the public, and the medical profession. . ." $\,$

"By certifying that its diplomates have acquired, demonstrated, and maintained a requisite standard of knowledge, skill, and understanding..."

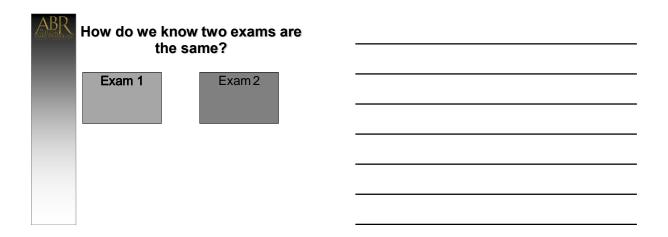


Development of Part 1, Part 2 & CC Exams

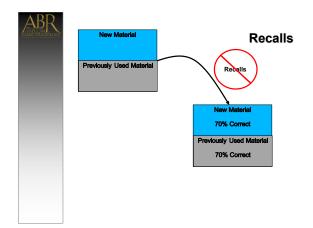
	Length of The Exam Psychometric analysis • Enough questions to get a valid result • Not too many to fatigue the candidate A good exam is a careful statistical sample of all subject areas Development of a Question Contact Expert Drafts Question • Research • Appropriate Reference	
ABR	Content Expert Drafts Question Research Appropriate Reference Appropriate Reference Technical Editor Reviews Question Appropriate Form Grammar Standard Abbreviations	

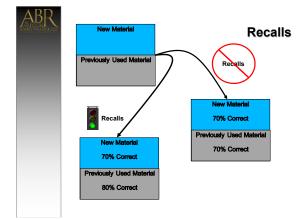


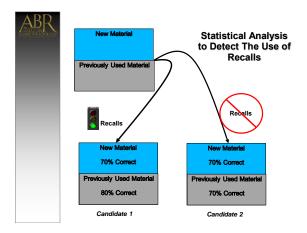
ABR	Cost for Question Development	
	ABR Office cost = \$171 per question	
	Volunteer Time = Priceless	



ABR	How do we know two exams are the same? Exam 1 Exam 2 include content from Exam	
ABR	How do we know two exams are the same?	
2	Exam 1 Exam 2	
	Have content experts evaluate both exams	
ABR	How do we know two exams are the same?	
3	Exam 1 Exam 2 Include content from Exam	
	Do a statistical analysis of both exams to establish reliability	









Exam Development and Assembly



Every exam has a blueprint which describes the content of the examination

ABR MARIO PRACTICACIÓN MARIO PRA

Key Factors in Creating the Blueprint

- · Practice profile surveys
- · Published practice documents
 - AAPM Task Group Reports
 - NCRP Reports
 - •
- · Content expert input



Forms of the Blueprint

Exam Development Blueprint

This blueprint is designed to provide a study guide for candidates

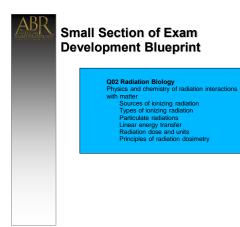
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A guide for what content should used in question writing

This blueprint is published

The Test Assembly Blueprint

Uses the ED Blueprint but has specific information on content details. I.e. Approximately 7 questions on brachytherapy

This blueprint is not published



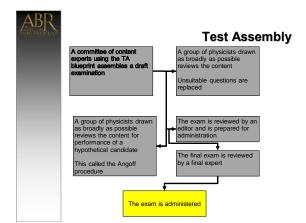
ABR

Exams Sample the Overall Content Domain

Enough items to produce similar results at each administration

Cannot sample every point in the blueprint

The Test Assembly Blueprint is a general guide for assembling the test and is not published.



ABR	How are the passing scores determined?	
	Set by psychometric analysis	
ABR	Two Major Types	
۰	Norm Referenced Designed to RANK candidates Criterion Referenced Designed to determine MINIMUM COMPETENCE	
	ABR Exams are CRITERION REFERENCED	

