

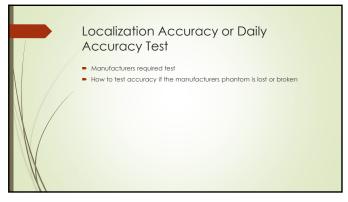
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Medical Physicists Section

Medical Physicists Responsibilities
Quality Control Tests and Frequencies
Test Objectives
Basic Procedure for performing each test
Tables describing testing for prone tables and up right add on systems
Equipment Evaluations or Acceptance Testing vs. Annual Testing
Physicist oversite vs. Physicist on site
Develop spread sheets for each test to assist with documentation

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Tests required for Prone Tables or Standalone Systems

In Mirrials the DM QC Manual

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Additional testing for add on biopsy systems if following DM QC Manual No need to repeat every test if already done when testing the system for MQSA	Table 3: Required ADDITIONAL Tests for Biopsy Attachment (FFDM unit follows ACR DMQC Program)			
		Image Guidance Capability		
	Test	Stereo-Guided Biopsy	DOT 0. 11. 101	
	Medical Physicists Tests	Stereo-Guided Biopsy	DB1-Guided Blops	
	1. Image Quality	,	n/a*	
	2. Artifact Evaluation	· ·	n/a*	
	3. DBTZ Resolution	,	n/a*	
	4. Spatial Resolution	n/a*	n/a*	
	5. DBT Volume Coverage		n/a*	
	6. Automatic Exposure Control System Performance	4	n/a*	
	7. Average Glandular Dose		n/a*	
	8. Unit Checklist	n/a*	n/a*	
	9. Verification of Localization Accuracy	4	4	
	10. Acquisition Workstation Monitor QC	n/a*	n/a*	
	11. Evaluation of Site's Technologist QC Program	√		
	12. Manufacturer's Calibrations (if applicable)	√	n/a*	
		r Troubleshooting Tests ONLY		
	Collimation	n/a*		
	Compression Thickness Indicator Accuracy	4		
	Evaluation of Compression Force	4		
	KVp Accuracy and Reproducibility	n/a*		
	Seam Quality (Half-Value Layer) Assessment	V		
	* Test pireody evaluated during FFOM unit survey			

Testing for add on systems if following manufacturers QC manual

**Some additional testing if the add on system supports DBT guidance

**Some backlitional testing if the add on system supports DBT guidance

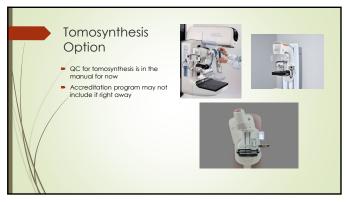
**Some backlitional testing if the add on system supports DBT guidance

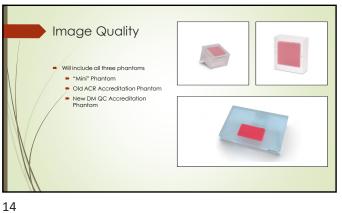
**A testing supports supports DBT guidance

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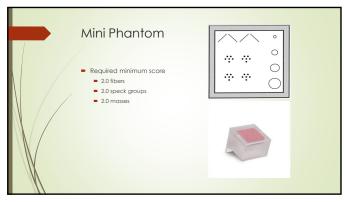
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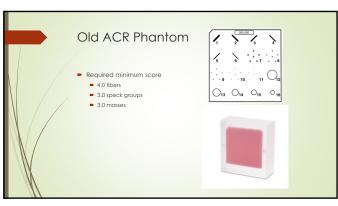
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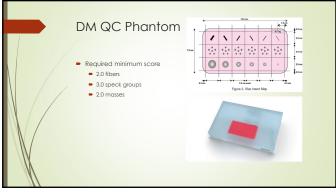


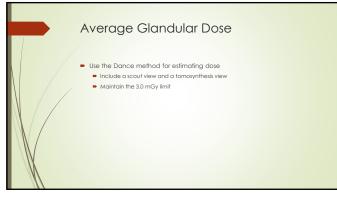
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