

# ACR Stereotactic Breast Biopsy Accreditation Program - Update

*Priscilla F. Butler, MS*

*Senior Director, Breast Imaging Accreditation Programs*

NMQAAC

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## **Stereotactic Breast Biopsy Accreditation Program**

- **First offered in 1996**
- **Modeled after ACR Mammography Accreditation Program**
- **Only assesses stereotactic breast biopsy procedures (no needle localization, ductography)**
- **Evaluates**
  - **Personnel qualifications**
  - **Clinical image quality**
  - **Phantom image quality/dose**
  - **Quality control program**

## Personnel Qualifications

- **Initial qualifications**
- **Continuing education**
- **Continuing experience**

## Personnel

- **Physicians**
  - **Qualifications worked out with ACR and the American College of Surgeons**
  - **Collaborative setting: radiologist and other physicians work together in same setting**
  - **Independent settings: radiologist or other physician work independently from other specialty**
- **Medical physicists**
- **Technologists**

## Clinical Images and Criteria

- **Cases**
  - Mass
  - Calcification
- **Devices**
  - Gun-needle
  - Vacuum suction
  - Other FDA-approved core biopsy devices
- **Criteria**
  - Accurate needle positioning of targeted lesions

## Phantom Images and Dose Criteria

- **Dose criteria - must be less than 300 mrad**
- **Phantom image quality criteria**

	MAP Phantom		Mini Phantom	
	S/F	Digital	S/F	Digital
Fibers	4.0	5.0	2.0	3.0
Speck Groups	3.0	4.0	2.0	3.0
Masses	3.0	3.5	2.0	2.5

## Two Types of Approved Phantoms



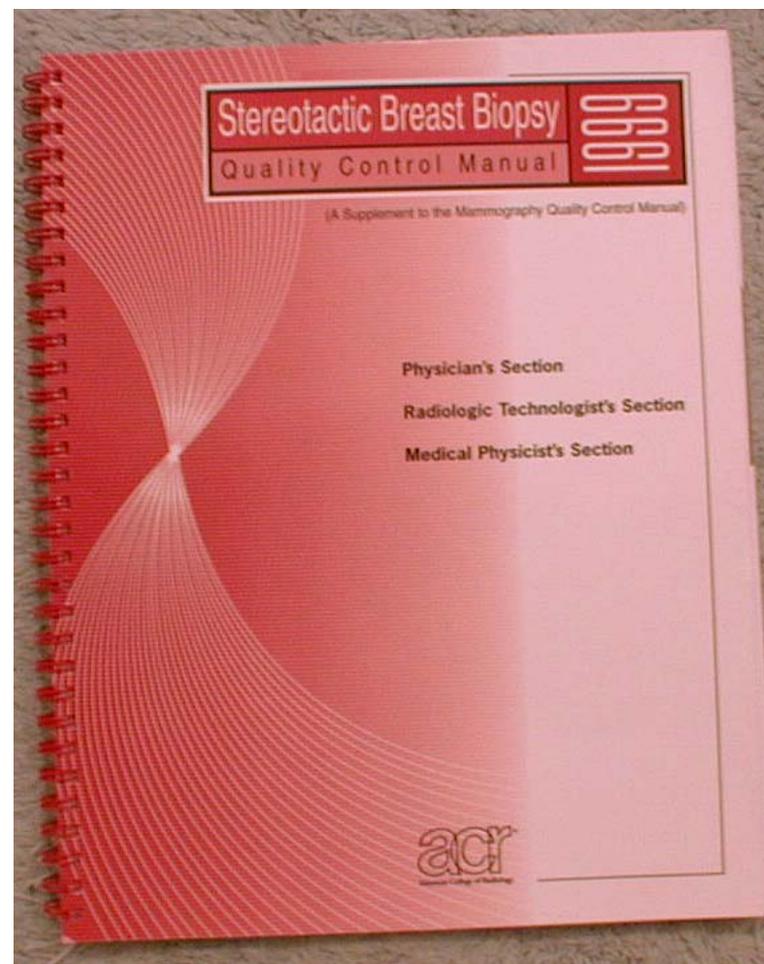
**Mini Phantom**



**ACR MAP Phantom**

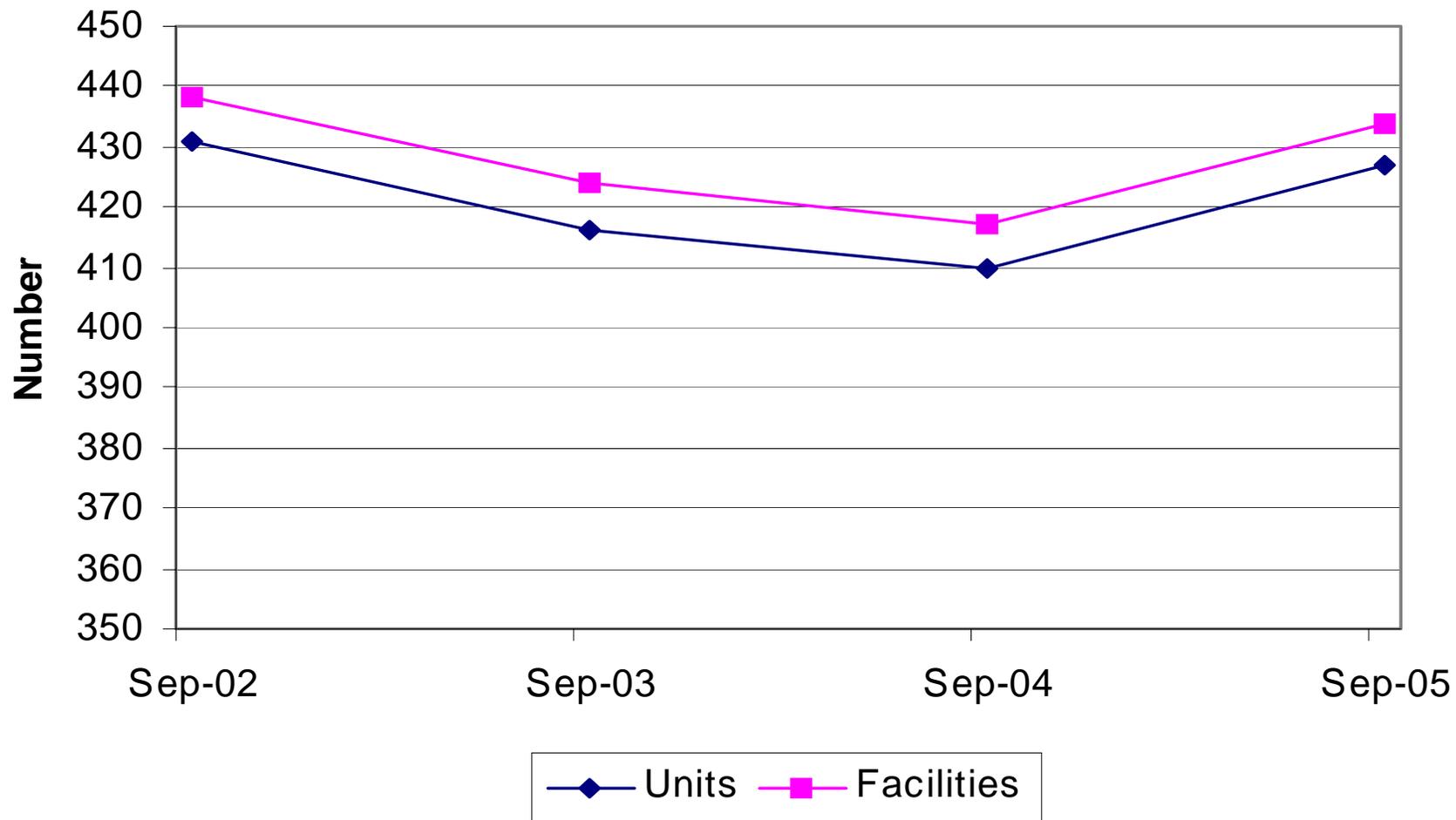
## Quality Control

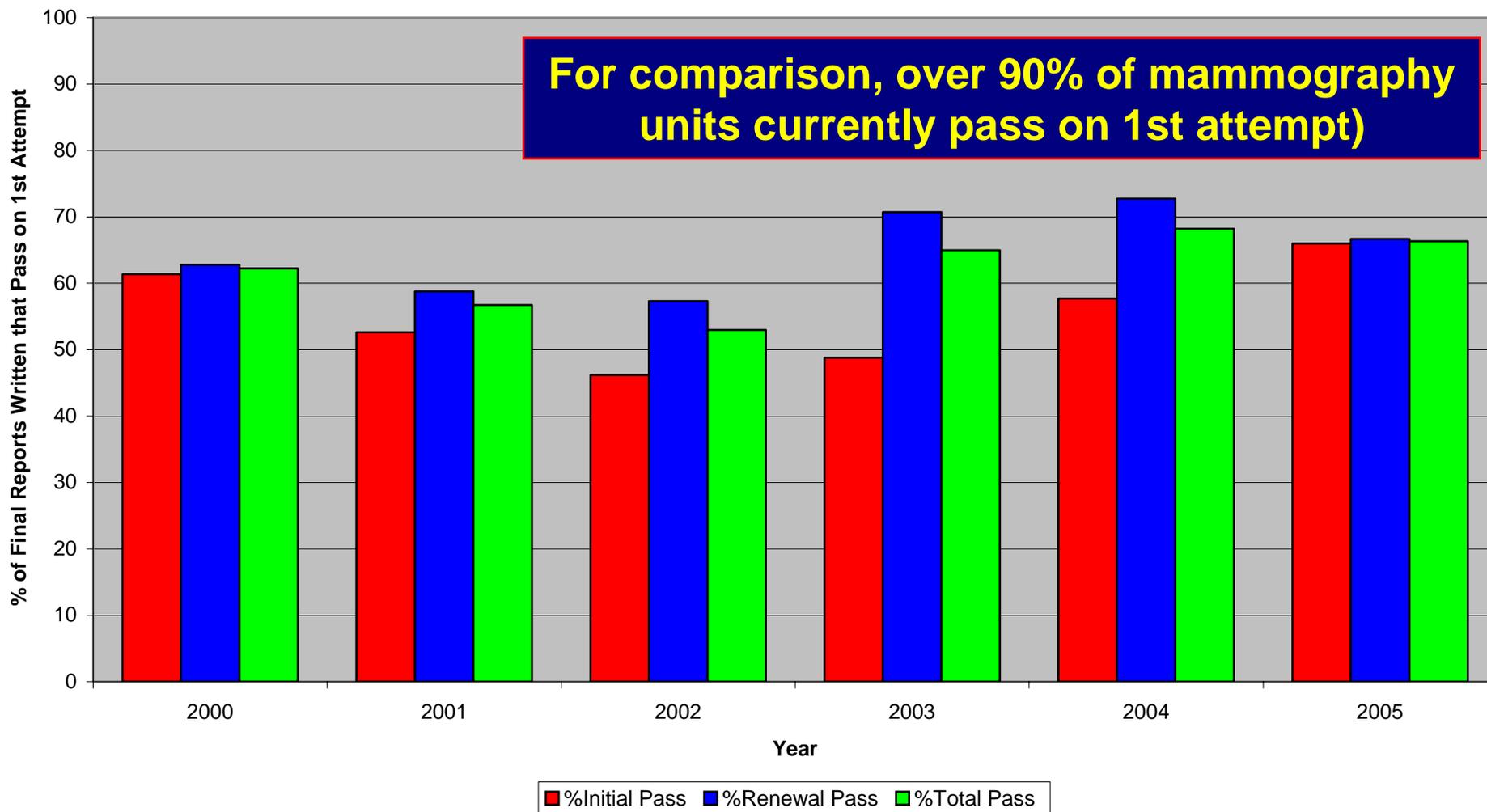
- **Published in 1999**
- **Applicants must follow QC outlined in ACR QC Manual**

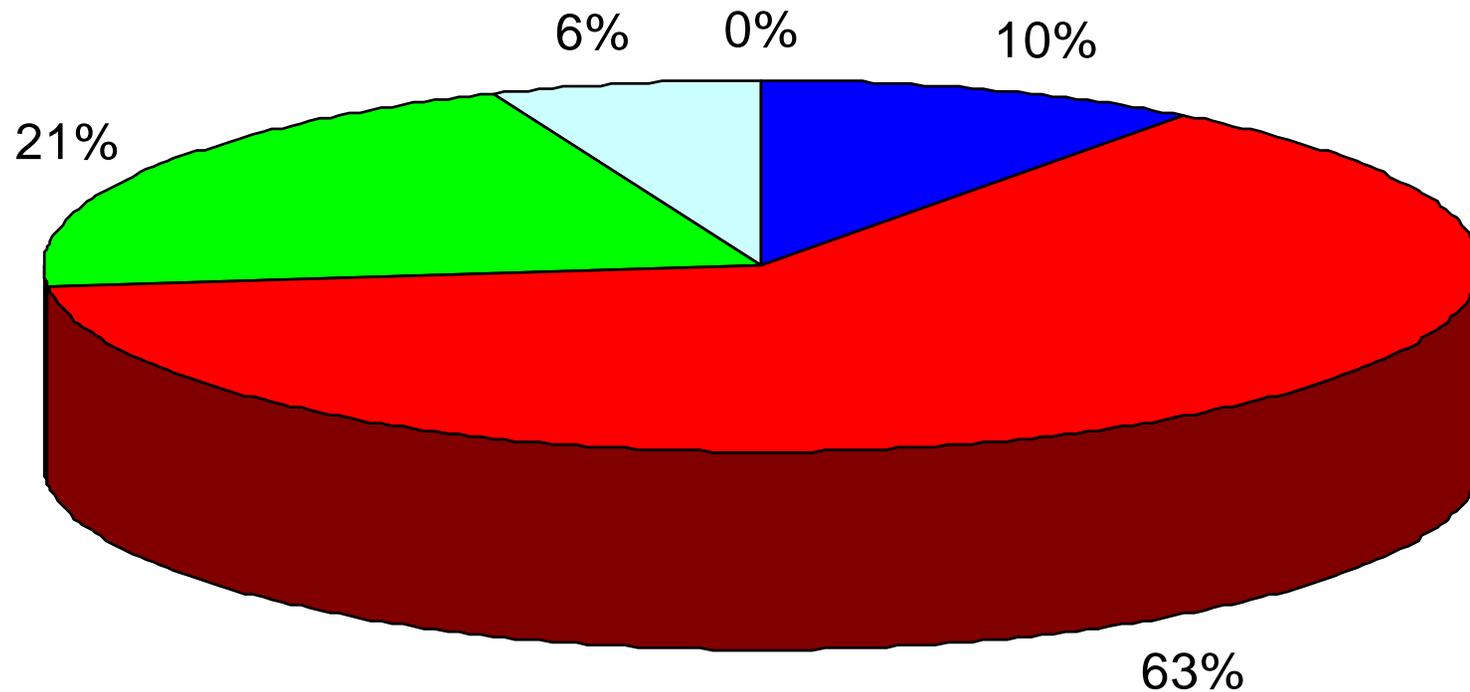


## **SBBAP Reviewer Qualifications**

- **Reviewers must be:**
  - **ABR certified**
  - **ACR members**
- **Must participate in formal training program**
- **Minimum 5 years experience**
- **In clinical or physics practice across the U.S.**
- **Conflict of interest addressed (i.e. may not review images from own state, etc.)**
- **Reviewer QC is performed by ACR**







■ CLINICAL+PHANTOM	■ CLINICAL (no Phantom)	■ PHANTOM (no Clinical)
■ ONLY DOSE	■ ONLY PROCESSOR	

**Questions?**