

## Digital Mammography Quality Control and Accreditation

Since 2003, the number of full-field digital mammography (FFDM) units in the United States has been increasing by about 4% per month. As of May 1, 2006, there were 1379 full-field digital mammography units at 977 MQSA-certified facilities in the United States. With the fall 2005 announcement that FFDM increased the effectiveness of detecting breast cancer in women with dense breasts (as well as premenopausal women and women under the age of 50), the rate of increase for digital units is expected to increase even further. FFDM systems are subject to the Food and Drug Administration's mammography regulations, as are analog systems). This presentation will discuss the steps medical physicists must take to ensure their facilities may expeditiously accredit their FFDM units. In addition, the presentation will cover preliminary QC recommendations made by the ACR's Subcommittee on Digital Mammography in preparation for their upcoming Digital Mammography FFDM Quality Control Manual.