

The emerging commercial digital mammography technologies will be reviewed with emphasis on detector design, acquisition approach, and performance characteristics. These technologies include: flat panel imagers using amorphous silicon detector arrays integrated with a scintillator, flat panel direct detection approaches using amorphous selenium, stimuable phosphors, and slot scanning techniques using charge-coupled devices. Emerging issues with regard to the role of the medical physicist, quality assurance and accreditation will also be discussed.