



## CCPM Mammography Preparation Guideline

Questions shall cover topics as they pertain to mammography, including the below:

- Basic medical principles, including breast structure and architecture, types and causes of breast cancer, basic workup and treatment.
- Basic epidemiology of breast cancer
- Physics and technology of mammographic image production
- Physics of x-ray interaction in matter, and more specifically, breast tissue
- Basic radiation protection
- Metrics of image quality, and factors influencing them
- Digital detectors in mammography
- General characteristics of breast imaging systems
- Mammographic positioning essentials
- Alternate modalities for breast imaging
- Quality control in full field mammography and stereotactic mammography
- Tomosynthesis and any associated QC
- Professionalism, interpersonal, and communications skills
- Advanced applications and emerging technologies