

# Division of Radiological Health

## X-RAY BULLETIN

December 14, 2011 Amended

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### Guidance on X-Ray Machine Operators using PET/CT Units

VDH staff has developed a guidance document for X-Ray Machine Operators certified by the Nuclear Medicine Technology Certification Board (NMTCB) using a Positron Emission Tomography/Computed Tomography (PET/CT) Unit. Virginia's *Radiation Protection Regulations of 2006*, 12 VAC 5-481-1590, Item Number 14 states the following:

*14. The registrant shall maintain a list of X-ray machine operators for each facility. The following information will be maintained on the list:*

*The name of the X-ray machine operator. Operators must be licensed by the Department of Health Professions where X-rays are used within the scope of practice or be certified by the ARRT, or an individual enrolled in an accredited program for radiologic technology and under the supervision of a licensed or certified radiological technologist, and if a dental assistant, comply with the Board of Dentistry's radiation certification requirements in 18VAC60-20-195.*

Those individuals who have obtained certification through the Nuclear Medicine Technology Certification Board (NMTCB) and have documented training by a PET/CT vendor and/or in-house training specific to a PET/CT unit shall be deemed as having adequate knowledge and training to safely operate equipment identified as PET/CT units. Therefore, the Virginia Department of Health, Division of Radiological Health and Safety Regulations, will recognize those individuals who hold the NMTCB certification and have adequate training as qualified X-ray machine operators for PET/CT or their respective hybrids.

This guidance may be modified, rescinded, or altered at any time.

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