

Office of Radiological Health

X-RAY BULLETIN

ORH-734: Guidance on X-Ray Machine Operators using PET/CT Units
Reissued Dec. 5, 2018

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*, 12 VAC 5-481-1591, Item No. 14 states the following:

14. The registrant shall maintain a list of X-ray machine operators for each facility. 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 American Registry of Radiological Technologists (ARRT), or be an individual enrolled, or was enrolled within the past three months, in an accredited program for radiologic technology and under the supervision of a licensed or certified radiological technologist, or 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, Office of Radiological Health, 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This guidance may be modified, rescinded, or altered at any time.

Published By: Virginia Department of Health, Office of Radiological Health, 109 Governor Street, Room 733, Richmond, VA 23219.
Questions and comments should be directed to the X-Ray Program at (804) 864-8150.
ORH-734