



DIAGNOSTIC COMPUTED TOMOGRAPHY OPERATION POSITION STATEMENT

Purpose

Operation of the Computed Tomography (CT) for dedicated diagnostic procedures, fusion imaging and treatment planning

Position

The operation of a CT unit being used in the manner of a stand- alone dedicated unit for diagnostic purposes is within the scope of practice of a radiological technologist and a nuclear medicine technologist.

Rationale

Knowledge, skill and judgment are required to ensure safe and effective practice and therefore the appropriate level of diagnostic and therapy services to patients and healthcare colleagues.

With the introduction of the 2014 CAMRT competency profile, the knowledge, skill, and judgment required to operate these different units was equalized between radiologic technology and nuclear medicine. This content was tested at the discipline specific entry level program as well as certification exams beginning in May 2018.

Therefore, it is in the scope of practice for any graduate from an accredited program in nuclear medicine and radiologic technology, who has passed the certification exam since May of 2018, to operate CT equipment for dedicated diagnostic purposes, after successful completion of on-the-job training. Number of weeks of on-the-job training will be at the discretion of the employer.

Any nuclear medicine graduate who passed the CAMRT certification exam prior to May of 2018 must take the CAMRT's Computed Tomography Imaging Certificate program for the nuclear medicine technologists to operate CT. Completion of the CT Certification program is not a requirement to work in CT. Preference may be given to technologists who have completed the CT Certificate, at the discretion of the employer.

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