

COMMUNICATION SKILLS

- A nuclear medicine technologist must have the ability to communicate in English both verbally and in writing. The technologist must also be able to communicate effectively by telephone. He/she must be able to communicate successfully and pleasantly with the public.

WORK ENVIRONMENT

- The nuclear medicine technologist work day is 8 ½ hours (including a half hour lunch break.) Two 15-minute work breaks may be taken depending on the schedule or clinical rotation.
- The nuclear medicine technologist works in an environment that has:
 - Hard floors
 - Continuous low-level noise from equipment
 - High and low light environments
 - Exposure to a variety of stimuli that demand physical and mental agility
 - Radioactive materials that are regulated by the NRC and other state agencies

EQUIPMENT

The nuclear medicine technologist must have the ability to operate a variety of computers and equipment used in a nuclear medicine department including:

- Survey meters, dose calibrators, well counters, radioactive gas delivery systems.
- Gamma scintillation cameras
- PET/CT cameras.
- Standard computers, ECG monitors,
- Digital imaging display, PACS, Personal monitoring devices

PHYSICAL INVOLVEMENT

The nuclear medicine technologist must have the ability to:

- Stand and walk for up to 8 hours a day
- Hand movement - hands are used continuously when maneuvering patients, injecting patients, equipment, and operating miscellaneous equipment
- Lift and/or move equipment or supplies weighing up to 50 pounds, unassisted
- Lift patients with assistance; assist ambulatory patients without assistance
- Push or pull wheelchairs, stretchers, carts and other equipment
- Assist patients on to and off of exam cameras and treadmills
- Reach overhead for storage areas
- Bend or squat when maneuvering the patient from wheelchair to exam camera, lifting equipment and supplies
- Hear auditory signals of timers, monitors, and beepers
- Perform fine motor skills involved in injections
- Read meters and decipher colors

MENTAL INVOLVEMENT

The nuclear medicine technologist must have the ability to:

- Understand and interpret written and verbal instructions
- Use good judgment in performing diagnostic studies and therapeutic treatments
- Communicate verbally, electronically, and in writing
- Perform necessary mathematical and statistical operations
- Operate computers

HUMAN RELATIONS INVOLVEMENT

The nuclear medicine technologist must have the ability to:

- Work cooperatively and respectfully with peer group
- Work cooperatively and respectfully with all members of the interdisciplinary healthcare team and specialists from other medical and non-medical fields
- Interact with patients in a concerned and compassionate manner
- Respond positively to supervision and accept suggestions
- Communicate politely and effectively by telephone and in person