

DEPARTMENT OF MEDICAL IMAGING AND RADIATION SCIENCES

TECHNICAL STANDARDS FOR SONOGRAPHY PROGRAMS (General, Vascular and Cardiac)

Physical Demands

Clinical and laboratory assignments for the Sonography program require certain physical demands that are the minimum technical standards for admission. Listed below are the technical standards that all students must meet in order to enter and complete the Sonography program.

The prospective student must be able to routinely:

- Bend, stoop, reach and stretch the arms and body, often utilizing awkward and non-ergonomically correct positions
- Assist patient on/off examination tables
- Have physical stamina and stand for long periods of time
- Have sufficient manual dexterity to manipulate the ultrasound transducer and operator controls
- Have sufficient gross and fine motor coordination to implement skills related to the performance of ultrasound such as positioning, transporting and scanning patients.
- Sonographers must be able to manipulate heavy ultrasound equipment, such as for portable examinations, move patient beds, and must be able to assist patients that are unable to assist themselves. Also must be able to lift up to 50 lbs.
- Have sufficient auditory perception to receive verbal communication from patients and members of the healthcare team. This includes assessing the health needs of patients through the use of cardiac/respiratory monitors, fire alarms, intercoms, etc.
- Sufficient visual acuity to view grayscale and color images on a computer monitor or film, and read written reports, chart orders, etc.
- Perform proper steps in a procedure in an organized manner and in a specific sequence
- Have the ability to write or otherwise provide a preliminary report using sonographic terminology
- Communicate effectively with patients and other health care providers. This includes verbal, reading and writing skills.
- Interact compassionately with the sick or injured