



Technical Standards for Echocardiography

Specific essential abilities or technical standards have been identified by the Medical Imaging Department for the Echocardiography applicant/student, in accordance with Section 504 of the Rehabilitation Act of 1973 and the 2009 Americans with Disabilities Act Amendment. These technical standards include all of the non-academic abilities essential for the delivery of safe and effective patient care. These standards are designed to establish performance expectations that will enable students to deliver safe, effective care during clinical practice activities, with or without reasonable accommodation. Qualified applicants and students are expected to meet all admission criteria, as well as these technical standards, with or without accommodation, and to maintain related satisfactory demonstration of these standards for progression through the program. The Medical Imaging Department Echocardiography Program is committed to enabling students with identified disabilities by reasonable means or accommodation to complete the academic and experiential learning required for the completion of all degree programs.

Therefore, any applicant or student who seeks accommodation at the time of admission or at any time during progression in the program will be evaluated and receive an assessment of the types of reasonable accommodation needed for the clinical practice component of the program.

The technical standards that have been identified as necessary to meet the Echocardiography program requirements include, but are not necessarily limited to the following:

- 1) Stand and walk continually for up to 10 hours at a time.
- 2) Frequently participate in team lifting of up to 300 pounds.
- 3) Lift up to 20 pounds from the floor, carry the load for 10 feet, and place the load on a surface 36 inches from the ground.
- 4) Safely and successfully lift, move, push, pull, kneel, bend, hold, and grasp during the care of patients and with all professional duties.
- 5) Move and manipulate exam room equipment such as tables, wheelchairs, and exam room carts.
- 6) Have correctable vision in one eye to 20/20 and 20/40 in the other eye, with visual acuity, depth perception, and the ability to distinguish shades of grey and gradations in color.
- 7) Have the olfactory ability to detect smoke, noxious odors, and patient conditions.
- 8) Hear faint sounds from a distance of 6-10 feet and with a stethoscope (with/without hearing aids).
- 9) Communicate with faculty members, fellow students, staff, and other healthcare professionals verbally and in a recorded format (writing, electronically, telephone, etc.) in the English language.
- 10) Demonstrate psychological stability to perform professionally and effectively during stressful, fast paced, high-volume, traumatic, emergent, and fatal situations.
- 11) Perform resuscitation and emergency procedures.
- 12) Physical, mental, and emotional stamina and overall well-being are essential to being able to perform the duties of a student Echocardiographer in an effective and efficient manner.

A student who is unable to meet program objectives because of medical restrictions will be required to withdraw from the respective program.