

School of Diagnostic Medical Sonography Technical Standards

Diagnostic Medical Sonography professionals must be able to consistently perform a multitude of medical procedures with accuracy and precision. Safety and effectiveness are essential skills and failure to perform these basic technical standards may compromise the safety of the clinical environment for patients, clinicians, and students. Therefore, all applicants must be able to, with or without reasonable accommodation, demonstrate the ability to meet the following technical standards:

COGNITIVE

- Comprehend and record clinical information accurately and efficiently.
- Interpret patient records and clinical paperwork in written and electronic formats.
- Discern a variety of signals on imaging equipment and patient care devices.
- Follow written and oral instructions from physicians and coworkers.
- Provide written and oral summary of diagnostic findings to a physician.
- Evaluate images and formulate corrective actions to improve diagnostic quality.
- Multitask to complete tasks and assignments.
- Differentiate anatomical structures on sonographic images.
- Apply didactic theory to determine proper clinical exam parameters.
- Explain the steps involved in performing complex tasks and protocols.
- Maintain professional ethical standards.

PSYCHOMOTOR

- Utilize constructive criticism to improve clinical performance.
- Respond to patients' needs, communicated in an average tone, from as far away as 15 feet.
- Assist patients move safely to and from exam tables, wheelchairs, and stretchers.
- Manipulate equipment to ensure proper placement of the machine, stretcher, patient, and sonographer.
- Stand and walk unassisted for up to eight hours a day.
- Perform established protocols for sonographic procedures in a safe, logical, and expedient sequence.
- Move independently about the clinical facility in an expedient manner.
- Participate in delivering extraordinary patient care.
- Assess patient condition and formulate action plans as appropriate.
- Adapt and respond to rapidly changing and emergent environments to maintain safe clinical practices.
- Lift and position more than 50 pounds routinely.
- Obtain and monitor patient vital signs.
- Operate within the profession's Scope of Practice.

COMMUNICATION

- Demonstrate compassion and empathy.
- React in a safe, calm, and effective manner in stressful environments.
- Demonstrate sensitivity towards individuals from diverse backgrounds.
- Communicate clearly and effectively utilizing verbal and non-verbal methods.
- Engage and maintain personal professional relationships.