

ADA- DMS Technical Standards and Essential Functions

The following outlines the technical standards and essential functions a sonography student must be able to perform for upon admission into the GTC DMS program. The sonography student must maintain these standards as he/she progresses through the program in order to continue with their didactic and clinical education.

Communication and Observation:

- 1. Communicate in a clear and concise manner in the English language to people in various departments.
- 2. Listen, read and apply appropriate written or verbal instructions in charts, notes, and records.
- 3. Comprehend and apply clinical instructions given from departmental personnel.
- 4. Utilize keyboard for inputting clinical data into console, computers, and charts.
- 5. Visually monitor patients and review images in dimmed light.
- 6. Ability to hear within normal limits (aided or non-aided).
- 7. Ability to visualize colors.
- 8. Visual acuity of 20/60 in at least one eye (glasses or contacts permitted).
- 9. Accept and implement constructive criticism.

Physical Capabilities:

- 10. Move immobile patients from stretcher to exam table using proper ergonomics alone or with assistance from department personnel as needed.
- 11. Push wheel chairs, stretchers and perform CPR.
- 12. Move loads of up to 50 pounds several times a day.
- 13. Reach up to six (6) feet off the floor.
- 14. Reach to position and roll patients side to side when necessary.
- 15. Maneuver ultrasound system throughout the clinical facility as needed for bedside exams.
- 16. Standing most of an 8 hour day.
- 17. Walking 4-6 hours a day.
- 18. Manual dexterity.
- 19. Ability to work long and/or irregular hours.

Intellectual and Communication Skills:

- 20. Ability to work in a noisy environment with many interruptions.
- 21. Ability to remember and recall a large amount of information.
- 22. Ability to accurately read and transcribe illegible handwriting or to know when to verify.
- 23. Ability to assess patient and other situations rapidly, determine the course of action, delegate activities to co-workers, and/or respond as appropriate.
- 24. Ability to explain procedures and patient preparations clearly, verbally or written.
- 25. Ability to calmly and politely cope in stressful situations, in emergency patient situations, or situations with other staff members.
- 26. Ability to assess work demands; organize and perform or delegate as needed.
- 27. Ability to effectively communicate in the medical environment with other health care professionals and patients/family members.
- 28. Ability to apply critical thinking skills when obtaining a clinical history from the patient and correlating that information with exam findings accurately.
- 29. Ability to maintain patient confidentiality at all times (HIPAA).
- 30. Demonstrate respect for a diverse patient population.

Technical Skills:

- 31. Adequately perform and continually enhance sonographic imaging techniques.
- 32. Understand and manipulate the ultrasound system's knobology.
- 33. Perform using fine motor skills to manipulate the transducer and equipment.
- 34. Perform all procedures and protocols without critical errors.
- 35. Work in the dark.
- 36. Recognize and interpret patient body language.
- 37. Distinguish and interpret Doppler sounds produced by sonography equipment.
- 38. Recognize and document normal and pathological findings.