

## TECHNICAL STANDARDS FOR THE SONOGRAPHY PROGRAM

**A career-entry diagnostic medical sonographer must be able to:**

- (1) interact with and interview patients to assess clinical history of present illness;**
- (2) lift and/ or move patients and machines;**
- (3) operate sophisticated imaging and physiologic testing instrumentation;**
- (4) accurately perform diagnostic medical sonography procedures and review images utilizing independent judgment;**
- (5) create accurate and precise records of studies performed;**
- (6) perform quality assurance activities related to procedures and instrument performance**

Students must possess the following basic competencies to meet the requirements of the curriculum:

1. Ability to learn and utilize the body of knowledge necessary to attain career-entry status in the profession. This includes, but is not limited to:
  - a. integrating and correlating data obtained from patient records, lab tests, etc.
  - b. creating and analyzing sonographic images of normal patient anatomy
  - c. creating and assessing sonographic images of abnormalities and correlating sonographic findings with patients' signs and symptoms
  - d. communicating sonographic findings to supervising physicians
2. Physical coordination and stamina so that procedures relative to the profession can be performed. Examples are:
  - a. Hand-eye coordination for the performance of sonographic and physiologic testing procedures.
  - b. Communication skills in order to interview patients, gather patient history and give patients instructions during sonographic or physiologic testing procedures.
  - c. Visual acuity to be able to read patient charts, generate diagnostic studies and assess sonographic images on a CRT terminal, hardcopy film or paper, digital device or other display device.
  - d. Hearing acuity in order to hear and recognize normal and abnormal audio displays as used in diagnostic ultrasound procedures.
  - e. Coordination of interpersonal skills in order to be able to work with patients.
  - f. Physical strength to be able to lift and/or move patients and/or equipment as necessary for the performance of sonographic procedures both in the imaging lab as well as portably at the patient's bedside as necessary.
  - g. Stamina to be able to perform a series of diagnostic tests in a tightly paced clinical setting.

**TECHNICAL STANDARDS ACKNOWLEDGEMENT FORM**

I have read and understood the Technical Standards of the George Washington University Sonography Program, and believe that I can meet these standards.

\_\_\_\_\_  
Printed name of applicant

\_\_\_\_\_  
Signature of applicant

\_\_\_\_\_  
Date

Please return this signed form to the Diagnostic Medical Sonography Program.