

Technical Standards for the AOS Cardiovascular Technologist Programs

In accordance with the standards of the **Commission on Accreditation of Allied Health Education Programs (CAAHEP)** and the **Joint Review Committee on Education in Cardiovascular Technology (JRC-CVT)**, students enrolled in all AOS Cardiovascular Technologist programs must possess certain technical abilities and skills necessary to successfully complete the program and perform the essential functions of the profession. These standards apply to all students admitted to the program, with or without reasonable accommodation.

Observation

Students must be able to observe patients accurately and interpret visual information necessary for patient care. This includes the ability to read monitors, imaging screens, equipment displays, and patient charts used in the cardiac catheterization laboratories, cardiovascular (Adult Echo) laboratories and vascular laboratories.

Communication

Students must be able to communicate effectively, both verbally and written communication, with patients, physicians, and members of the healthcare team. This includes the ability to understand verbal instructions, document clinical information clearly, and communicate patient status during procedures and emergencies.

Motor Skills

Students must possess sufficient motor function and coordination to safely perform cardiovascular diagnostic or interventional procedures. This includes the ability to manipulate equipment, position patients appropriately, and maintain procedural standards required in clinical environments.

Intellectual and Cognitive Skills

Students must be able to measure, calculate, reason, analyze, and synthesize information. These abilities are required to understand cardiovascular anatomy and physiology, evaluate diagnostic information, and respond appropriately to clinical situations.

Behavioral and Professional Attributes

Students must demonstrate emotional stability, sound judgment, integrity, and professionalism. They must be able to function effectively in environments that may involve stress, time constraints, and rapidly changing patient conditions.

Physical Endurance

Students must possess the physical endurance necessary to participate in clinical activities, which may include standing for extended periods, assisting with patient positioning, and operating equipment commonly used in cardiovascular laboratories.

Reasonable Accommodation

The program is committed to providing reasonable accommodations in accordance with applicable laws. Students who believe they may require accommodations should contact the appropriate institutional office. Accommodations will be considered, provided they do not compromise patient safety or the essential requirements of the program.

AOS Invasive Cardiovascular Technologist Program:

Students must be able to assist with catheter-based procedures, operate hemodynamic monitoring systems, and maintain sterile technique in the cardiac catheterization laboratory.

AOS Adult Echocardiography Program:

Students must be able to manipulate ultrasound transducers to obtain diagnostic cardiac images and evaluate cardiac structures and function.

AOS Vascular Technologist Program:

Students must be able to perform vascular ultrasound examinations and obtain Doppler flow data for diagnostic evaluation.