

ECHOCARDIOGRAM TECHNOLOGIST**NATURE OF WORK IN THIS CLASS:**

This is complex professional Echocardiogram Technologist work involved in providing ultrasound examination using high frequency sound waves for the purpose of diagnosis and/or treatment of anatomic and physiologic disorders.

ILLUSTRATIVE EXAMPLES OF WORK: (Any one position may not include all the duties listed, nor do the examples cover all the duties which may be performed).

Selects equipment for use in ultrasound tests ordered by physicians.

Recognizes, records qualitative and quantitative Doppler information that may aide in the valvular abnormalities, congenital cardiac defects and cardiac functions

Explains and instructs patients in relation to echocardiogram study.

Inspects and tests the Hewlett Packard SONOS IOU to ensure proper operation condition, and makes adjustments as required...

Understands the normal and abnormal patterns of the following: a) M-mode; b) 2D imaging; c) color Doppler; and d) pulse Doppler

Able to recognize and record spectral analysis, direction of low pulse wave Doppler.

Participates in staff conferences, meetings, staff development, and in-service training programs.

Exercises adequate safety precautions in the use of equipment.

Practices sterile technique and prevents cross contamination to patients and instruments.

Maintains records and prepares reports.

Performs related duties as required.

MINIMUM KNOWLEDGE, ABILITIES, AND SKILLS:

Knowledge of the principles, practices, and techniques of Cardiac Doppler work.

Knowledge of echocardiography and the anatomy and physiology of the human heart.

Ability to set-up and operate echocardiography equipment.

Ability to interpret and explain the echocardiography procedures to patient and the public.

Ability to make decision in accordance with program guidelines.

Ability to work effectively with the public and employees.

Ability to communicate effectively, orally and in writing.

Ability to maintain records and prepare reports.

Skill in the use and care of echocardiography equipment.

MINIMUM EXPERIENCE AND TRAINING:

- a) Two years of experience (which may include clinical training) as an echocardiogram technologist and graduation from a recognized college or university with an Associate's degree in Health Sciences; or
- b) Any equivalent combination of experience and training which provides the minimum knowledge, abilities and skills.

NECESSARY SPECIAL QUALIFICATION:

- a) Possession of a certificate of completion from an American Medical Association approved technologist training program; and
- b) Possession of a current certification of Basic Life Support (BLS).

AMENDED:	June 10, 2004		
PAYGRADE:	M		
HAY EVALUATION:	Know-how:	E12	200
	Problem Solving:	E3 (33%)	66
	Accountability:	E1C	76
	TOTAL		342

This standard revises and supercedes the standard amended MAY 1994.



VERNON P. PEREZ
Executive Director
Civil Service Commission