

Echocardiographic Technician

University of California, Los Angeles
August, 1976

Class Specifications - H.30
Principal Echocardiographic Technician - 8941
Echocardiographic Technician - 8943

SERIES CONCEPT

Echocardiographic Technicians take and process echocardiograms and echo-phonocardiograms; and perform other related duties as required.

Incumbents typically work within guidelines established by a staff physician in the performance of advanced cardiac physical diagnoses and physiologic data measurements which require knowledge of cardiac anatomy, cardiac pathophysiology and cardiac maneuvers. Incumbents are assigned responsibility for making electronic manipulations and assisting physicians in the interpretation of ultrasound patterns utilizing a variety of skills which typically include transducer selection, A vs M mode, compensated gain, reject and damping, and polaroid and strip recording.

The Echocardiographic Technician series consists of three levels with the distinction between levels based on the scope and/or complexity of diagnostic echocardiographic functions and the degree of supervision exercised.

CLASS CONCEPTS

Principal Echocardiographic Technician

Under direction, incumbents supervise lower level Echocardiographic Technicians and coordinate all technical and clerical work related to the performance of diagnostic echocardiographic procedures at a campus medical center. Incumbents make assignments and review the work of lower level Echocardiographic Technicians; and train and/or direct technicians in the performance of new echocardiographic procedures. Incumbents order supplies and evaluate new products and equipment for possible future use; prepare budget estimates; organize training programs; provide echocardiographic demonstrations for students and staff; and are assigned responsibility for the maintenance and operation of equipment.

Echocardiographic Technician

Under supervision, incumbents perform diagnostic echocardiographic procedures and related duties as described in the Series Concept.

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Echocardiographic Technician

MINIMUM QUALIFICATIONS

Principal Echocardiographic Technician

Two years of college, preferably with courses in physiology, anatomy, psychology and electronics, and three years of experience in echocardiographic technology; or an equivalent combination of education and experience; and knowledges and abilities essential to the successful performance of the duties assigned to the position.

Echocardiographic Technician

Two years of college, preferably with courses in physiology, anatomy, psychology and electronics, and one year of experience in echocardiographic technology which includes successful completion of a traineeship in echocardiographic technology; or an equivalent combination of education and experience; and knowledges and abilities essential to the successful performance of the duties assigned to the position.