ST. ROSE HOSPITAL

Job Description

JOB TITLE/CLASSIFICATION ...... CARDIOVASCULAR TECHNICIAN II (148) (Cardiac Sonographer)
DEPARTMENT ................................ CARDIOLOGY SERVICES
STATUS............................................. NON-EXEMPT
Reports to ...................................... SUPERVISOR, CARDIOLOGY SERVICES

POSITION SUMMARY
Under minimal supervision performs echocardiogram, graded exercise stress tests, Holters, EKGs, pacemaker pulse monitoring, tilt table testing and EEG’s.

ESSENTIAL DUTIES
Explains the purpose and procedure to patient for exercise stress test, Holter monitor, electrocardiogram, and echocardiograms.

Produces EKGs, EEGs, graded exercise stress tests, and Holter monitor tracings of good quality using proper techniques

Recognizes atypical EKG pattern and arrhythmias

Performs routine EKGs and/or rhythm strips that have been requested using the proper techniques

Gives a preliminary report of heart block, pacemaker malfunction, and various arrhythmias seen

Attends all code blues. Prepares to assist and performs EKG rhythm monitoring as required

Performs pacemaker checks with or without magnet accurately

Performs Holter monitor hook-up accurately using the proper techniques to produce a clear good quality tracing

Performs Holter screening using proper techniques. Prints out and mounts all significant arrhythmias and patient correlated symptoms.

Performs graded exercise stress tests with or without pharmacological and nuclear agents accurately following the cardiologist instructions and protocol, using the proper techniques to produce a clear good quality tracing

Performs tilt table tests following the cardiologist instructions and protocol

Independently produces resting and/or exercise echocardiograms using the following modalities: M-Mode, 2-Dimensional and PW/CW/Color Flow Doppler of good quality. Must exhibit proper techniques with the ability to concentrate the Echo study in a specific area of interest.

Measures and uses analysis package accurately on the Echocardiogram
Discusses the interpretation of the Echocardiogram with the reading Cardiologist. Gives preliminary reports of obvious abnormal pathologies to the requesting physician, completes preliminary report for patient chart.

Takes blood pressure accurately

Maintains echocardiogram, Holter, electrocardiogram, EEG and pacemaker files and records as required

Assists with TEEs', patient preparation, recovery, and clerical duties

Maintains supplies and equipment. Ensures that equipment is kept clean. Notifies the Supervisor of any difficulties with equipment

Demonstrates the competence in the care of pediatric or frail elderly groups of patients (when/if assigned to these patients) relative to determining each patient’s age-related and other physical, psychosocial and cultural needs, and patient care activities

Other Duties
Assists in keeping the department running smoothly in the absence of the supervisor

Floats to other areas to help as requested by the Supervisor

Performs other job related duties as assigned by the Supervisor, Cardiology Services

QUALIFICATIONS
*License/Certifications
Current BCLS
RCVT or RDCS certification or RDCS eligibility
*Proof of License(s) and/or Certification(s) required at time of hire.

**Education
High school or equivalent preferred
Graduate of formal Echocardiography program preferred
**Proof of educational levels required at time of hire

**Experience
Minimum three years experience in cardiac ultrasound (Echocardiography)
Previous experience in the following: electrocardiograms, graded exercise stress testing, Holter monitoring and scanning, cardiac ultrasound M-Mode, 2-D and Doppler, TEE (transesophageal echo), Dobutamine Echo.

Skills
Medical terminology

Ability to type and transcribe accurately

Good communication, interpersonal, and organizational skills
Employee must demonstrate basic computer skills

Physical Requirements
The duties as described will required frequent standing and walking.

The employee will frequently bend/stoop, squat, reach above the shoulders, twist and turn, kneel, and push/pull.

The employee will frequently be required to lift/pull/push/move up to 50 pounds.

May occasionally perform CPR, push respirators, and cylinder carts, and frequently help position patients in bed and/or transport patients via bed/gurney.

Visual ability: Near acuity; 8” to 16”, Mid-focal acuity: 16” to 3’, Far visual acuity; 20’ and greater.

Must utilize conversational speech for effective verbal communication.

Noise level is high in some patient care areas. Must be able to hear equipment alarms, overhead pages, and direct verbal communication.

Hazards

- Will have close contact with patients and is likely to come in contact with blood and body fluids.
- Often exposed to infection. Will be fit tested for particulate respirator.
- Works with electrical equipment.
- Occasional exposure to radiation (X-Ray).

For more detailed and specific physical requirements, consult the Job Analysis on file in the Employee Health office.