

M A R Q U E T T E G E N E R A L H E A L T H S Y S T E M

JOB DESCRIPTION

POSITION: Cardiovascular Tech DEPARTMENT: Cardiac Imaging (6720)
3800

SUPERVISED BY: Clinical Mgr, CID SUPERVISES: None

EFFECTIVE DATE: October 1, 1990 JCC: 0204

REVIEW DATE: 6/95; 11/95; 11/96; 1/99; REVISED DATE: 11/93; 6/95; 11/95
11/02; 2/03; 2/09; 11/09; 11/96; 1/99; 8/01; 11/02; 2/03; 2/09
5/10 11/09; 5/10

PREPARED BY: Brian Haines *B-4H* TITLE: Dir, Cardiac Imaging

RECOMMENDED BY: David Graser *DGF* TITLE: Sr. Vice President/COO

APPROVED BY: David S. Smith *DS* TITLE: Senior Director/Hum. Res.

POSITION SUMMARY:

Evaluates and completes radiographic and invasive diagnostic and interventional cardiac imaging department procedures as requested by the Physician and under the direction of the Cardiac Cath Lab supervisory staff.

POSITION ACCOUNTABILITIES/COMPETENCIES**:

- | | | |
|-------|-------|--|
| Meets | Does | |
| Not | Meet* | |
- 1. Maintains established hospital and departmental policies and procedures, objectives, performance improvement program, safety, environment of care, management of information, and infection control standards. (1,5)
 - 2. Utilizes excellent customer service skills at all times. (1,5)
 - 3. Complies with federal and state law and accrediting and licensing agencies at all times, to include but not limited to, JCAHO and federal compliance regulations. (1,5)
 - 4. Monitors heart rhythms, blood pressure, and oxygen levels of the patient and reports any changes or concerns to the team including physician performing the procedure. (1,2,3,4,5,8)
 - 5. Accurately enters and obtains data from the computer system, the record of the procedure, including but not limited to staff present, procedure events, equipment utilized, and medications and interventions performed. (1,2,3,5)
 - 6. Plans, implements, documents, and evaluates all aspects of radiation safety and monitoring radiographic procedural modification. Practices radiation safety at all times and monitors individual dosimetry reports. (1,2,3,4,5)

- 7. Assists the cardiologist in performing diagnostic and interventional cardiac imaging department procedures on patients of all age groups. (1,3,4)
- 8. Prepares, uses, and maintains cardiac imaging department equipment for the safe operation and completion of examinations in the Cardiac Cath Lab. (1,3,4)
- 9. Performs quality assurance tests and documentation on all life support, radiographic, physiological monitoring on a daily basis. (1)
- 10. Administers medications as needed to each patient as requested and under the supervision of the attending physician. (1,3,4)
- 11. Maintains museum cardiac cath lab cine film library which needs to be readily accessible to authorized staff. (5)
- 12. Researches and makes recommendations on appropriate projects, situations, or problems. (5)
- 13. Maintains an adequate inventory of supplies and serviceable equipment necessary to safely complete the above examinations and procedures. (2,5)
- 14. Functions as a resource person knowing, understanding, and implementing department/hospital practice and procedure, providing orientation to new staff and providing inservices on cardiac cath lab procedures and equipment to other departments. (2)
- 15. Enhances professional growth and development through participation in educational programs, current literature, inservice meetings, and professional conferences. (5)
- 16. Participates and attends meetings and inservices as required, per unit policy, and/or as assigned. (5)
- 17. Performs other related duties as assigned or requested. (5)

*Comment or data needed to support this.

**Those activities that employees are required to and able to perform independently following procedure and/or criteria.

POSITION QUALIFICATIONS:

Minimum Education:

- Must be a graduate of an AMA approved School of Radiologic Technology
- Current grandfathered employees: 2-3 yrs formal nursing education and/or equivalent combination of 1 yr education and 1-2 yrs experience including patient assessment

Required Certification/Registration:

- Current registry from **either** the American Registry of Radiologic Technology (ARRT) **-or-** the Cardiovascular Credentialing International designation for Registered Cardiovascular Invasive Specialists (RCIS)
- Current grandfathered employees: 2-3 yrs formal nursing education and/or equivalent combination of 1 yr education and 1-2 yrs experience including patient assessment **and** RCIS Registration within 24 months of hire date
- Certified and currently registered with **either** the American Registry of Radiologic Technologists for advanced designation in Cardiac-Interventional Radiography **or** the Cardiovascular Credentialing International designation for Registered Cardiovascular Invasive Specialists (RCIS) within 24 months of hire date
- BLS/ACLS certified

Minimum Experience:

- One year clinical experience

Preferred Experience:

- Two years clinical experience in an acute care center preferred

Required Skills:

- Must be able to relate to patients and function as a team member with other staff
- Proficient with computers especially MS Office and relevant patient care software
- Knowledge of sterile technique

Physical Demands:

- Moderate physical effort (lift/carry up to 25 lbs.)
- Prolonged, extensive, or considerable standing/walking
- Lifts, positions, pushes and/or transfers patients
- Lifts supplies/equipment
- Manual dexterity and mobility
- Occasional reaching, stooping, bending, kneeling and crouching

Vision Requirements:

- Far Acuity - ability to see clearly at 20' or more
- Near Acuity - ability to see clearly at 20" or less
- Depth Perception - ability to judge distance and space relationships
- Field of Vision - ability to see peripherally
- Accommodation - ability to adjust vision to bring objects into focus
- Color Vision - ability to distinguish and identify different colors
- Ability to see work in low light conditions

Environmental Conditions:

- Temperature changes - variations in temperature from hot to cold
- Hazards - conditions where there is danger to life, body and/or health

Working Conditions:

- May be exposed to infections and contagious diseases
- Regularly exposed to the risk of blood borne diseases
- Exposed to hazardous anesthetic agents, body fluids and wastes
- Subject to electrical and radiant energy hazards
- Routinely uses high levels of diagnostic radiation doses
- Exposed to hazards from electrical/mechanical/power equipment
- May be exposed to biohazardous, radioactive substances
- Exposed to housekeeping/cleaning agents/chemicals
- Exposed to explosive chemicals, gases and low level radiation
- Subject to hazards of flammable, explosive gases
- Subject to burns and cuts
- Subject to injury from moving parts of equipment
- Occasional exposure to unpleasant patient or unit elements
- Contact with patients under wide variety of circumstances
- May be exposed to/occasionally exposed to patient elements
- Exposed to unpleasant elements (accidents, injuries, and illness)
- Subject to varying and unpredictable situations
- Handles emergency or crisis situations
- May perform emergency care
- Subject to many interruptions
- Subject to long irregular hours
- Occasional pressure due to multiple calls and inquiries
- Requires judgment/action which could result in death of patient
- Handles absentee replacement on short notice

Required Protective Equipment:

- Eye protection
- Face protection
- Mask
- Non-sterile medical gloves
- Sterile medical gloves

(1) The performance of this function is the reason that the job exists and is a critical activity.
(2) There are limited employees among whom the performance of this function can be distributed.
(3) This function occupies a great deal of the employee's time.
(4) This function is highly specialized. Employees are hired for the skill/ability to perform this.
(5) Failure to perform this function may have serious consequences.
(8) Exposure to bloodborne pathogens that requires use of personal protective equipment.