

Class Specifications  
for the Class:IMAGING TECHNOLOGIST  
SR-16  
BU:03IMAGING TECHNOLOGIST

5.705

Duties Summary:

Under the supervision of an Imaging Specialist, provides standard diagnostic imaging procedures utilizing ionizing radiation producing equipment in accordance with physician's orders, protocols and quality standards as established by the department and facility; and performs other related duties as assigned. The position may work on rotating shifts, with work on weekends and holidays and may require standby and call back duty.

Distinguishing Characteristics:

This class is responsible for providing standard diagnostic imaging procedures utilizing ionizing radiation producing equipment. The difficult and complex diagnostic imaging procedures are performed by an Imaging Specialist. The work is performed under the guidance of an Imaging Specialist in order to gain experience into the Imaging Specialist series.

Examples of Duties:1. Examination:

- Operates imaging equipment, fluoroscopy, or other similar types of equipment using standard or modified imaging techniques in accordance with the hospital and/or department policy and procedures, protocols and quality standards.
- Sets up, fixes and adjusts immobilization devices as necessary.
- Prepares oral, IV, and enema contrast materials, to render organs more opaque.
- Assists patients to remove all radiopaque articles of clothing or jewelry that are near site for study.
- Measures thickness of area to be radiographed using calipers, and sets kilovolts, milliamperes, and exposure time.
- May performs special imaging procedures and/or techniques such as myelograms, discograms, arthrograms, etc., as prescribed by a physician, under the guidance of an Imaging Specialist.

- Consults with physicians on special cases to do special imaging examinations.
- Prepares equipment, supplies and work area in accordance with infection control, policy and procedures and sterile techniques.
- Reviews examination orders and correlates patient clinical history with examination performed. Investigates discrepancies as needed.
- Ensures that services are performed in a safe environment in accordance with established guidelines.
- Ensures full understanding by patient during examination.
- Understands basic nursing skills and provide quality patient care based on specific needs including but not limited to age, medical condition, and/or developmental status (e.g., careful and proper positioning of patients, helping dress and undress patients when necessary, cleaning patients when necessary, blood pressures, pulses, respiration and CPR).

2. Quality Control:

- Responsible for maintaining and cleaning of imaging equipment surfaces and all other equipment in the department. Reports any malfunction of equipment and unsafe conditions to the supervisor.
- Monitors and ensures prompt transfer of all images to film or other media to facilitate interpretations.
- Assists physicians, nurses, clerical personnel and other staff as necessary to ensure prompt patient flow and to maximize the efficiency of the site.
- Assist in collecting all previous X-Rays, CT scans, Nuclear medicine scans, Ultrasound scans and all pertinent data for comparison before exam.
- Maintains technical knowledge of operation of imaging equipment.
- Assists clerical staff in scheduling patients as needed.
- Participates in the maintenance of department's quality assurance program; recommends changes on policies, procedures and protocols.
- Observes safety and health regulations and works in accordance with safe work procedures and policies of the department and hospital.
- Responsible for maintaining an adequate inventory of supplies.

Knowledge and Abilities Required:

Knowledge of: Basic knowledge of operation of imaging equipment, radiation safety, medical terminology and department protocols, methods for developing and processing x-ray films and plates. Basic knowledge of standard precautions, hospital policies and procedure, rules and regulations, government regulatory requirements and accrediting standards.

Ability to: Learn the principles, methods and techniques of ionized imaging equipment/procedures; deal effectively with patients and other individuals; operate

imaging equipment; keep records and prepare reports and instruct patients and others in imaging procedures.

Code of Ethics: Ability to meet the specific needs of patients with a variety of disabilities; retain emotional stability and maturity despite emotional and physical pressures; demonstrated ability to use independent judgement and initiative. Ability to promote a positive, collaborative practice atmosphere.

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This is the first class specifications for the class; IMAGING TECHNOLOGIST, effective April 25, 2014.

DATE APPROVED: April 25, 2014

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LANCE SEGAWA  
Interim Director of Human Resources