

UW HEALTH JOB DESCRIPTION

Radiologic Tech - Interventional			
Job Code: 500006	FLSA Status: Non-Exempt	Mgt. Approval: G. Greenwood C. Hassemer	Date: 3-17
Department : Interventional Radiology/AFCH Hybrid OR/OR22 (80240/14930/52580)		HR Approval: CMW	Date: 3-17

JOB SUMMARY

The Radiologic Tech - Interventional functions independently as a member of the Vascular and Interventional Radiology (VIR), Neuro Endovascular Radiology and Vascular Surgery teams. Team members include registered nurses, IR imaging technologists, nurse practitioners, physician assistants, IR fellows and residents, neurosurgery fellows and residents, vascular surgery fellows and residents, and faculty physicians. This individual is responsible for helping perform a variety of complex specialized tasks operating fluoroscopy, computed tomography, laser, and ultrasonography equipment during vascular and neuroradiology angiographic and interventional procedures. This individual is responsible for helping develop and implement systems to assure the smooth and efficient flow of patients for procedures in the Interventional labs. Duties for this position include but are not limited to: circulating and scrubbing roles during procedures, patient teaching, assisting with patient care within scope of practice, inventory management and schedule coordination.

This position requires the individual to be flexible in their work schedule. This individual has previous radiologic technologist work experience, or is a graduate of an accredited IR Technologist training program. The ability to self-direct and to organize a varied workload is required. This incumbent demonstrates competency in assisting with VIR, Neuro Endovascular Radiology and Vascular Surgery procedures from newborn thru geriatric patient population.

MAJOR RESPONSIBILITIES

Patient Care

1. Duties for this position include but are not limited to, assisting with pre and post patient assessment, patient teaching, assisting with patient care within scope of practice, inventory management, schedule coordination, and circulating and scrubbing roles during VIR and Neuro Endovascular, procedures.
2. Under limited supervision provides patient care within a broad range of health care needs in VIR, Neuro Endovascular procedures and Vascular Surgery.
3. Systematically and continuously collects, assesses and documents data in collaboration with the multidisciplinary team to provide procedural care for the patient. Documentation of the procedure and medical care during procedure will require basic computer skills to complete electronic medical record.
4. Assist the physician in the performance of pediatric and adult VIR, Neuro Endovascular Radiology and Vascular Surgery procedures to include but not limited to setting up sterile tray, positioning and prepping patient, circulating and scrubbing to assist with handling of instruments, operating and monitoring equipment, passage of catheters/guidewires, calling out equipment readings and alerting team of patient's change in condition.
5. Assures that informed consent has been obtained on the patient prior to the start of the procedure and that all questions and concerns have been answered to the patient's satisfaction. Actively participates in the Universal Protocol for all procedures.
6. Assists in the checking of daily quality controls for a wide range of equipment utilized in the routine care of a patient presenting to VIR, Neuro Endovascular procedures and Vascular Surgery, ensuring medical equipment is in working order and supplies are available.
7. Develops/integrates standards of care for patients presenting to VIR, Neuro Endovascular procedures and Vascular Surgery
8. Implements safe, competent and efficient care to patients within UW Health and departmental policies, procedures and standards across a variety of populations and complexity of situations.
9. Able to identify adverse events or unanticipated outcomes using critical thinking skills and notifies the medical staff including nurses and physicians appropriately.
10. Demonstrates technical skills, trouble shooting skills and knowledge of supplies and equipment used during VIR, Neuro Endovascular procedures and Vascular Surgery.
11. Practices Radiation Safety in accordance with regulations. Selects accurate technical factors on an individual patient basis. Applies knowledge of radiation physics and safety regulations to limit radiation exposure of the general public, patient, fellow workers and self to as low as reasonable achievable (ALARA) and exercises discretion and judgement in the performance of radiographic procedures.
12. Operates fluoroscopic equipment, computed tomography (CT), ultrasound (US), laser and other equipment associated with diagnostic and interventional procedures
13. Selects and send images to PACS with correct labeling. All images should be optimized with post processing techniques.
14. Reviews history and pertinent images with designated Radiologist/Surgeon to assure appropriate application of procedure. Discusses plan and equipment necessary for procedure
15. Prepares radiopaque materials for administration by Radiologist. Opens contrast material, maintaining integrity of the sterile syringe, needles, and draws up contrast for injections.
16. Prepares Yttrium(Y90)set-up with Nuclear Medicine Physicist for Thera-sphere procedures
17. Maintains integrity of a sterile field by observing the AORN sterile technique guidelines.
18. Assists in training of new technologists, physicians, nurses and students.

Clinical Skill

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1. Implements safe, competent and efficient procedure care to VIR, Neuro Endovascular Radiology and Vascular Surgery patients within policies, procedures and standards of care across a variety of populations and complexity of situations within the scope of practice.
2. Foresees potential problems and adapts priorities, plans independently and with & without medical direction. In response to general information/data indicative of potential urgent or emergent life-threatening risks, initiates action to reduce or correct the risk.
3. Serves as role model and resource for both internal and external customers regarding standards of care for the subspecialty of patients.
4. Uses a variety of specialty and imaging equipment (XA, CT, US, laser) and supplies. Understands the capabilities of this equipment and is able to perform troubleshooting strategies as indicated to support patient care.
5. Maintains an expertise in image acquisition, transfer and archiving.
6. Troubleshoots technical and mechanical problems, and performs minor maintenance on equipment. Properly enters service requests for equipment failure and notifies IR Manager appropriately.
7. Checks the status of the imaging and specialty equipment to ensure device is in proper operating condition.
8. Cleans and disinfects imaging equipment and procedure room.
9. Completes records accurately, includes procedure documentation, procedure billing, supply billing, patient's radiation exposure.
10. Assists medical staff and physicists during research projects

Leadership

1. Analyzes and assists in resolving problems resulting in improvement of patient care, practice and system operations.
2. Displays professional attitudes and behaviors based on institutions values; Integrity, Innovations, Compassion, Accountability, Respect, Excellence (IICARE)
3. Strives to maintain constructive, positive working relationships with other units and support staff.
4. Effectively communicates with patients, families, professionals, supportive personnel and others.
5. Pursues knowledge and education that enhances professional practice. Identifies and communicates educational needs using formal and informal resources.
6. Utilizes product literature, professional literature, and company representatives as competency resources.
7. Seeks supervision of performance when appropriate.
8. Shares knowledge within the department at staff meetings through participation in continuing education activities.
9. Evaluates and plans own professional growth in relation to expectations for practice in specialty area.
10. Maintains professional standards in conjunction with those practice standards recommended by professional societies such as SIR, AVIR, and AORN.
11. Acts as preceptor for other IR technologists, physicians, Radiology nurses and students.
12. Evaluates and updates teaching materials.
13. Communicates with appropriate personnel for follow-up of procedure patients and identification of specific learning needs.
14. Participates in activities that support the advancement of clinical practice through best practice literature, professional organizations, research and hospital committees and councils.
15. Assists in record keeping and accumulates statistics and data

Professional Development

1. Develops and plans individual own professional growth and development in relation to expectations for practice in our specialty area.
2. Attend continuing educational programs, in-services and conferences to maintain and advance expert skills and knowledge level.
3. Obtain and maintain VI certification.
4. Maintain BLS certification.
5. Participate in ongoing, unit-based quality improvement programs.
6. Continue to enhance all clinical skills and expertise.
7. Provide monthly unit based in-services, educational programs and training opportunities for staff.
8. Membership to professional organization related to specialty.

Other

Other duties as assigned.

Maintains licensure, certifications and ongoing CEUs for professional development on a timely basis.

ALL DUTIES AND REQUIREMENTS MUST BE PERFORMED CONSISTENT WITH THE UW HEALTH PERFORMANCE STANDARDS.

JOB REQUIREMENTS

Education	Minimum	Graduate of a School of Radiologic Technology
	Preferred	Bachelor's degree in relevant field.
Work Experience	Minimum	Previous healthcare experience

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	Preferred	Two (2) years clinical experience
Licenses & Certifications	Minimum	<ul style="list-style-type: none"> • Certification by appropriate body (ARRT) and valid Wisconsin Radiological License - ARRT (R) (VI) - must obtain VI within 24 months of hire. • CPR certification required within 3 months of hire
	Preferred	Radiology certification ARRT (R)(VI)
Required Skills, Knowledge, and Abilities		<ul style="list-style-type: none"> • Self-motivated & directed with regard to an increasing level of understanding and knowledge. • Ability to handle multiple tasks/projects and meets objectives and deadlines. • Effective oral and written professional communication skills. • Ability to demonstrate ethical and professional behaviors at all times. • Ability to maintain patient confidentiality and privacy. • Ability to comply with all HIPAA requirements. • Ability to use initiative and independent judgment. • Ability to work independently. • Excellent interpersonal skills with the ability to interact effectively with patients, families, healthcare professionals and external vendors. • Knowledge regarding quality improvement and standards of care within practice area. • Capable of demonstrating flexibility with demands of external/internal customers placed on operating functions of the department. • Basic computer skills. • Capable of wearing lead aprons for extended periods of time. • Physical ability to lift and position patients and assist with patient transfers utilizing beds or stretchers. • Ability to work overtime as needed. <p>Demonstrates critical care skills to patients with higher acuity. (ED, ICU, NICU, PICU, Intraoperative Neuro MR, OR).</p>

AGE SPECIFIC COMPETENCY (Clinical jobs only)

Identify age-specific competencies for direct and indirect patient care providers who regularly assess, manage and treat patients.

Instructions: Indicate the age groups of patients served either by direct or indirect patient care by checking the appropriate boxes below. Next,

<input checked="" type="checkbox"/>	Infants (Birth – 11 months)	<input checked="" type="checkbox"/>	Adolescent (13 – 19 years)
<input checked="" type="checkbox"/>	Toddlers (1 – 3 years)	<input checked="" type="checkbox"/>	Young Adult (20 – 40 years)
<input checked="" type="checkbox"/>	Preschool (4 – 5 years)	<input checked="" type="checkbox"/>	Middle Adult (41 – 65 years)
<input checked="" type="checkbox"/>	School Age (6 – 12 years)	<input checked="" type="checkbox"/>	Older Adult (Over 65 years)

JOB FUNCTIONS

Review the employee's job description and identify each essential function that is performed differently based on the age group of the patient.

PHYSICAL REQUIREMENTS

Indicate the appropriate physical requirements of this job in the course of a shift. *Note: reasonable accommodations may be made available for individuals with disabilities to perform the essential functions of this position.*

Physical Demand Level		Occasional Up to 33% of the time	Frequent 34%-66% of the time	Constant 67%-100% of the time
<input type="checkbox"/>	Sedentary: Ability to lift up to 10 pounds maximum and occasionally lifting and/or carrying such articles as docket, ledgers and small tools. Although a sedentary job is defined as one, which involves sitting, a certain amount of walking and standing is often necessary in carrying out job duties. Jobs are sedentary if walking and standing are required only occasionally and other sedentary criteria are met.	Up to 10#	Negligible	Negligible
<input type="checkbox"/>	Light: Ability to lift up to 20 pounds maximum with frequent lifting and/or carrying of objects weighing up to 10 pounds. Even though the weight lifted may only be a negligible amount, a job is in this category when it requires walking or standing to a significant degree.	Up to 20#	Up to 10# or requires significant walking or standing, or requires pushing/pulling of arm/leg controls	Negligible or constant push/pull of items of negligible weight
<input checked="" type="checkbox"/>	Medium: Ability to lift up to 50 pounds maximum with frequent lifting/and or carrying objects weighing up to 25 pounds.	20-50#	10-25#	Negligible-10#

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	Heavy: Ability to lift up to 100 pounds maximum with frequent lifting and/or carrying objects weighing up to 50 pounds.	50-100#	25-50#	10-20#
	Very Heavy: Ability to lift over 100 pounds with frequent lifting and/or carrying objects weighing over 50 pounds.	Over 100#	Over 50#	Over 20#
List any other physical requirements or bona fide occupational qualifications:				

Note: The purpose of this document is to describe the general nature and level of work performed by personnel so classified; it is not intended to serve as an inclusive list of all responsibilities associated with this position.