

UW HEALTH JOB DESCRIPTION

STUDENT SONOGRAPHER RADIOLOGY

Job Code: 520012	FLSA Status: Non-exempt	Mgt. Approval: G. Greenwood	Date: Sep 2022
Department: Radiology		HR Approval: A. Phelps Revolinski	Date: Sep 2022

JOB SUMMARY

The Student Sonographer performs a wide variety of routine and complex ultrasound procedures under the indirect supervision of an experienced or lead sonographer. Less experienced Student Sonographers will receive training in the administration of more advanced procedures. The Student Sonographer is expected to perform Ultrasound imaging such as pelvic, abdominal, small parts and routine vascular examinations and may perform more complex imaging such as deep Doppler and guided interventional procedures such as biopsies and ablations as well as musculoskeletal ultrasound.

The student records the images and relays a clinical impression as indicated. The results of these examinations are used to direct the course of patient care. The Student Sonographer has knowledge of abdominal, pelvic, obstetric, small parts, abdominal and peripheral vascular physiology, and disease.

With guidance from management and team leads, the student performs clinical examinations on adults, geriatric patients, adolescents, and pediatric age groups. The examinations are performed in a variety of locations, including a level 1 trauma center and/or critical care facility. The student has daily contact with professionals, patients and families and may assist other radiology modalities and/or clinical services.

MAJOR RESPONSIBILITIES

Clinical Activities Overseen by a Registered Sonographer

Direct Patient Care

- **Analysis and Communication**
 - Extract relevant information from patient record, tailor examination to indication and patient, select proper supplies, equipment and settings. Consult with Radiologist when necessary.
 - Use two patient identifiers prior to each exam.
 - Provide a concise and complete written and/or verbal preliminary impression to the radiologist following the study.
 - Adhere to established protocols including documentation of appropriate measurements
 - Interact appropriately with patient and all care providers, receiving and relaying all pertinent information
- **General Ultrasound**
 - Perform routine adult and/or pediatric general ultrasound examinations to include obstetrical, gynecological, abdominal, small parts
 - May provide ultrasound guidance for interventional procedures, including general and targeted lesion tumor biopsies (abdominal and superficial), paracentesis or thoracentesis.
- **Vascular Ultrasound**
 - Perform Gynecological, Obstetrical, Abdominal and small part Duplex Doppler studies to evaluate vascular anatomy and assess hemodynamics of these organ systems.
 - Perform venous or arterial examinations of arms and legs with color and pulse wave Doppler.
 - Perform other vascular examinations using color and pulse wave Doppler as requested.
- **Advanced Ultrasound**
 - Perform Musculoskeletal ultrasound and/or advanced interventional procedures and/or advanced vascular exams and or advanced pediatric exams.

Duties Supporting Patient Care

- Track procedures and bill ultrasound examinations and associated supplies in RIS and/or related computer systems.
- Prepare exam room for patients and ensure that needed supplies are available for each procedure.
- Meet the daily goals of the work group by prioritizing workflow for the care of outpatients and/or inpatients.
- Use a variety of ultrasound equipment and understand the capabilities and limitations of each piece of equipment.
- Is proficient with ancillary equipment used during Ultrasound procedures.
- Notify Team Lead Ultrasonographer or Manager of supply needs, equipment malfunction and necessary maintenance.
- Determine if additional technical support is required and follow the proper procedure for obtaining support.
- Adhere to established section and organizational protocols, QA guidelines and regulatory requirements.
- Clean, disinfect, and inspect equipment and room after each use.
- Enter information into the Patient Safety Net.

UW HEALTH JOB DESCRIPTION

- Use PACS and Health-Link (Epic) computer systems and other ancillary systems for patient care purposes

Department Support

- Support clinical and industry research activities on-site.
- Orient residents and medical students on diagnostic techniques used in the lab.
- Instruct Ultrasound students from affiliated sonography programs.
- Assist and instruct peers.
- Attains and maintains licensure, certifications and ongoing CEUs for professional development on a timely basis.
- Other duties as assigned.

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

JOB REQUIREMENTS

Education	Minimum	Current Student in an accredited Diagnostic Medical Sonography program.
	Preferred	Bachelor's degree in relevant field
Work Experience	Minimum	1 year as a student in an accredited Diagnostic Medical Sonography program
	Preferred	
Licenses & Certifications	Minimum	Basic Life Support/CPR certification
	Preferred	
Required Skills, Knowledge, and Abilities		<ul style="list-style-type: none"> • Self-motivated & directed with regard to increasing level of understanding and knowledge. • Ability to handle multiple tasks/projects and meet objectives and deadlines. • Effective oral and written professional communications 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. • Physical ability to lift and position patients and assist with patient transfers utilizing beds or stretchers. • Ability to work overtime as needed. • Demonstrates critical care skills to patients with higher acuity. (ED, ICU, NICU, PICU, Intraoperative Neuro MR, OR).

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.*

UW HEALTH JOB DESCRIPTION

Physical Demand Level		Occasional Up to 33% of the time	Frequent 34%-66% of the time	Constant 67%-100% of the time
	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
X	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
	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#
	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#
Other - list any other physical requirements or bona fide occupational qualifications not indicated above:				

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.