

# UW HEALTH JOB DESCRIPTION

## CASTING TECHNICIAN - SENIOR

Job Code: 900003

FLSA Status: Non-exempt

Mgt Approval:

HR Approval: CMW 1-17

### JOB SUMMARY

The Casting Technician-Senior possesses the highest level of skill in the application and removal of casts, orthopedic splints and devices, and the set up and maintenance of traction. All of the duties of the Casting Technician are fulfilled. After fabrication, this position is further involved by fitting and finishing castings, involving extensive patient contact. The Casting Technician-Senior requires less supervision than the staff level to perform duties as determined by the medical team. The primary focus of this position is patient care (inpatient and outpatient) but it also includes significant efforts with education, research and outreach. The Casting Technician-Senior possesses the primary responsibility for the orientation, training and mentoring other Casting Technicians. The Casting Technician-Senior will assume additional responsibilities, as delegated by the Manager. He or she functions with a high degree of autonomy under the supervision of the Manager. An essential component of the Casting Technician-Senior is to demonstrate exceptional interpersonal skills while working with various disciplines.

### MAJOR RESPONSIBILITIES

The incumbent performs the following **job responsibilities**:

#### A. Casting and Splinting

1. Casts: The Casting Technician-Senior collaborates with all medical staff to determine the most appropriate cast or brace for a patient with particular diagnosis and treatment(s).
2. The Casting Technician-Senior applies casts and splints. She/he possesses superior knowledge of types of casts and splints and demonstrates the proper procedure in applying them. In addition, she/he possesses the highest level of skill in their application.
3. The Casting Technician-Senior individualizes splints/casts to reflect the entire range of physician orders and patient needs.
4. The Casting Technician-Senior utilizes the appropriate padding, wrapping and molding techniques to ensure proper fit and placement of a cast or splint.
5. The Casting Technician-Senior possesses advanced skill and knowledge for selecting the proper procedure for the removal of a cast or splint. When using a cast saw, scissor, or other device, she/he must maintain proper alignment of the fracture in each and every phase of treatment: application, adjustment, and removal.
6. It is essential for the Casting Technician to document patient care according to UW Hospital policies and procedures both inpatient and outpatient. (Refer to policies 6.22, 13.14). The Casting Technician-Senior is to be fluent in documentation standards and understands and follows policies to be able to assist the Objective and Associate level in proper care and documentation.

#### B. Specific casts and splints should be applied only by an Casting Technician—Senior after completing physician based training, signing off competency to perform independently and demonstrated necessary assessment and documentation requirements along with the knowledge of the pathophysiology of what they are assessing, implications of removal or application on the body system are:

1. Hip Spica, casts with brace drop lock, BKA, diabetic patients, spastic children and adults, serial casting.
2. Removal of external fixator, removal of wound drains upon demonstrated competency.
3. Custom bracing of the knee and elbow.

#### C. Orthopedic Devices/Braces/Fluoro/Traction

1. The Casting Technician-Senior also assists the physician in the Operating Room, Emergency Room, outpatient procedure settings and clinics. She/he possesses advanced knowledge and proven competency in positioning patients, sterile preparation, and surgical instruments.
2. The Casting Technician-Senior fits orthopedic device/brace per physician orders. These devices/braces include, but are not limited to:

Boots	Humerus braces
Cervical collars	Knee braces
Darco shoes	Lumbar braces

## UW HEALTH JOB DESCRIPTION

Diabetic shoes/boots      Night splints  
Hand splints                Post-op shoes  
Hip braces

3. The Casting Technician-Senior possesses superior knowledge regarding custom braces. This knowledge includes proper fitting and measuring techniques to ensure optimal patient comfort and care.
4. The Casting Technician-Senior must comply with the documentation guidelines set forth by UW Hospital and Clinics and be able to teach other technicians on the appropriate information to document.

### **D. Education**

1. The Casting Technician-Senior instructs and documents patient education relating to the proper use of crutches, canes, walkers and wheelchairs, proper care of casts, splints, or other orthopedic devices.
2. The Casting Technician-Senior assists with the education of physicians, physician assistants, medical students, RN's, NP's, MA's and Casting Technician-Associate and Objective.
3. The Casting Technician-Senior attends advanced level lectures and seminars to further the education of him or her and others.
4. The Casting Technician-Senior participates in on-going education through professional journals, continuing education programs, and other offerings available.

### **E. Miscellaneous Cast Room and Ancillary Casting Technician-Senior Clinic Responsibilities**

1. Maintains proper equipment, tools, and supplies for the cast room.
2. Identifies cast room problems and inefficiencies and brings these to the attention of the clinic manager. Together, the Orthopedic Technician-Senior and the clinic manager will develop a plan to resolve the issues.
3. Ability to assist with development and follow policies and procedures relating to cast room staff duties.
4. Assist in the development of cast room related competencies and training programs for staff.
5. Provides and assists with compliance to standards and regulations such as Joint Committee on Hospital Accreditation, Health Information Privacy and Portability Act and other hospital or governmental regulations as they become known to the staff.
6. The Casting Technician-Senior will also receive training and competency in obtaining vital signs on all patient populations as deemed appropriate.

### **F. Triage and Urgent Care**

1. Assists with incoming patient problem calls and outside physician or health care staff questions.
2. Consults with the Triage RN in determining the appropriate level of care for cast related questions and scheduling appointments.
3. Responsible for ensuring adequate clinic coverage in the event of unexpected absences.

Job descriptions represent a general outline of job duties, functions, and qualifications. They are not intended to be comprehensive in nature and other duties may be assigned as appropriate.

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

## UW HEALTH JOB DESCRIPTION

### REQUIRED QUALIFICATIONS

<b>Education</b>	High School Diploma or equivalent
<b>Work Experience</b>	Two (2) years experience applying casts, splints and other orthopedic devices.
<b>Licenses/Certifications</b>	<b>Minimum:</b> Current CPR/AED Certification. <b>Preferred:</b> Current certification as Casting Technician/Technologist
<b>Skills, Knowledge, and Abilities</b>	<ol style="list-style-type: none"> <li>1. Demonstrated practical application competency.</li> <li>2. Demonstrated ability to work with all health care team members and promote a positive working environment.</li> <li>3. A minimum of six months of demonstrated documentation of patient education and patient care on the medical record.</li> <li>4. Demonstrated ability in the application of new cast techniques.</li> <li>5. Ability to exercise independent judgment and individual initiative.</li> </ol>

### 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
	<b>Sedentary:</b> 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.	<b>Up to 10#</b>	<b>Negligible</b>	<b>Negligible</b>
	<b>Light:</b> 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.	<b>Up to 20#</b>	<b>Up to 10#</b> or requires significant walking or standing, or requires pushing/pulling of arm/leg controls	<b>Negligible</b> or constant push/pull of items of negligible weight
<b>X</b>	<b>Medium:</b> Ability to lift up to 50 pounds maximum with frequent lifting and/or carrying objects weighing up to 25 pounds.	<b>20-50#</b>	<b>10-25#</b>	<b>Negligible-10#</b>
	<b>Heavy:</b> Ability to lift up to 100 pounds maximum with frequent lifting and/or carrying objects weighing up to 50 pounds.	<b>50-100#</b>	<b>25-50#</b>	<b>10-20#</b>
	<b>Very Heavy:</b> Ability to lift over 100 pounds with frequent lifting and/or carrying objects weighing over 50 pounds.	<b>Over 100#</b>	<b>Over 50#</b>	<b>Over 20#</b>
List any other physical requirements or bona fide occupational qualifications:				