



DIVISION SCOPE OF SERVICE

Division: CONTINENTAL
Classification: CERTIFIED HYPERBARIC TECHNOLOGIST
Applicant Name:

<p>Certified Hyperbaric Technologist: The Certified Hyperbaric Technologist must have equivalent qualifications, competence and function in the same role as employed individuals performing the same or similar services at the facility, as defined by facility job description.</p>
<p>Definition of Care or Service: The Certified Hyperbaric Technologist monitors and controls the pressure inside a hyperbaric chamber. They assist medical staff as required while maintaining the necessary pressure in the chamber. The scope of service may include:</p> <ul style="list-style-type: none"> • Performs duties under supervision of the Program Medical Director, Clinical Coordinator/Manager, and/or Safety Director as is appropriate for the facility. • Monitors and observes HBOT patients. • Operates the hyperbaric chamber(s) and related support systems in a safe and effective manner. • Delivers hyperbaric oxygen therapy (HBOT) to the hyperbaric patient in a safe manner. • Demonstrates Clinical and Service excellence behaviors to include code of HCA conduct core fundamentals in daily interactions with patients, families, co-workers and physicians.
<p>Setting(s):</p> <ul style="list-style-type: none"> • Wound Care and Hyperbaric Medicine clinic
<p>Supervision:</p> <ul style="list-style-type: none"> • Direct supervision by HBOT Medical Director • Indirect supervision by Clinical Coordinator/Manager, Safety Director, OR designee <p>Evaluator: Program Director in conjunction with supervising physician or designee</p> <p>Tier Level: 2</p> <p>eSAF Access Required: Yes</p>
<p>Qualifications:</p> <ul style="list-style-type: none"> • High School Diploma/GED or higher • Completion of a course in Hyperbaric Medicine in compliance with the requirements of one of the below (Can be found on skills checklist): <ul style="list-style-type: none"> ○ Undersea and Hyperbaric Medical Society (UHMS) ○ National Board of Diving and Hyperbaric Medical Technology (NBDHMT) ○ Hyperbaric Medicine Training Course. • Certified as one of the below: <ul style="list-style-type: none"> ○ CHT ○ CHRN ○ CHWS • American Heart Association or Red Cross health care provider BLS Certification <p>NOTE: Where education may not be defined in qualifications area of the Scope, HCA requires the highest level of education completed (not training or courses) confirmed on your background check.</p>



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<p>State Requirements:</p> <ul style="list-style-type: none"> • N/A
<p>Experience:</p> <ul style="list-style-type: none"> • N/A <p>Preferred Experience:</p> <ul style="list-style-type: none"> • Previous Hyperbaric experience.
<p>Competencies:</p> <p>The Certified Hyperbaric Technologist will demonstrate:</p> <ul style="list-style-type: none"> • Be able to carry out relevant diagnostic and clinical procedures such as: <ul style="list-style-type: none"> ○ Ability to report to nurse or physician an accurate medical history ○ Assess patient for pain and document findings ○ Obtain vital signs (pulse, respiratory rate, body temperature, and blood pressure) ○ Observe for changes in neurological status ○ Know when to use appropriate clean or sterile techniques ○ Collection and removal of patient waste products ○ Assist in patient care procedures; dressing changes ○ Basic EKG recognition; set alarm parameters; print and post strip ○ Ability to safely operate all stretchers, gurneys, wheelchairs, beds and other assistive devices ○ Comply with quality control (QC) measures; glucometer • Prepare patient for treatment <ul style="list-style-type: none"> ○ Body positioning of patients ○ All cotton garments or other approved materials only for in chamber ○ EKG placement on patient, as ordered ○ Age specific patient education on fundamentals of HBO treatment; equalizing ear pressure ○ Provide comfort measures with approved safety constraints. • Maintain CPR, ability to establish an airway • Describe the signs, symptoms and treatment of hyper- and hypothermia • Describe the signs, symptoms and treatment of hypoglycemia • Describe the effects of gases on the body and their limits under pressure • Describe the effects of pressure on the body and the principles of decompression and therapeutic procedures • Proper body mechanics to protect self from injury • Reinforce age-specific teaching • Perform transcutaneous oximetry (TCOM), as ordered • Basic medical terminology • Proper use and application of restraints when ordered by physician; assess circulation • Patient privacy and confidentiality; observe HIPAA requirements • Maintain private and secure medical records. • Language Ability <ul style="list-style-type: none"> ○ Ability to read and interpret documents such as safety rules, operating and maintenance instructions, and procedural manuals ○ Ability to speak effectively before groups of customers or employees of organization ○ Effective communication and interpersonal skills • Math Ability <ul style="list-style-type: none"> ○ Ability to add, subtract, multiple, and divide in all units of measurement, using whole numbers,



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- common fractions, and decimals.
- Ability to compute rate, ratio, and percent, and to draw and interpret bar graphs.
- Reasoning Ability
 - Ability to apply common sense understanding to carry out instructions furnished in written, oral, or diagram form.
 - Ability to deal with problems involving several concrete variables in standardized situations.
- Computer Skills
 - Proficient in Microsoft Office, Outlook and Word; able to navigate through internet and intranet.
- Work Environment
 - May be required to work around caustic chemicals 1% of the time and outdoor weather conditions 1% of the time
 - Ability to work around a moderate noise level, such as an office environment.
- Physical Demands
 - Stand approximately 25% of the time, walk 25% of the time, sit 50% of the time
 - Use touch or feel 95% of the time, reach 60% of the time, and stoop, kneel, or crouch 5% of the time.
 - Talk and/or hear 100% of the time.
- Accountability
 - Provides a high quality and safe standard for patient care.
 - Communicate with physician and staff
 - Provides courteous, efficient customer care and safe operations
- Safe environment for patients
 - Uses at least two ways to identify patients before procedure
 - Labels all medications and solutions on surgical field in procedural settings
 - Labels containers used for blood and specimens in the presence of the patient
 - Participates in the pre-procedure process to verify the correct procedure, for the correct patient, at the correct site/side and involves the patient in the verification process when possible.
- Infection prevention
 - Practices consistent hand hygiene
 - Uses personal protective equipment (PPE)
 - Required immunizations per Division requirements
 - Complies with Isolation precautions
 - Maintains sterile field
- Other Competencies
 - Dependable, on time, customer service, adaptability, attention to detail, ability to follow through, multi-tasker, safety and security, technical/functional proficiency and knowledge, problem solving ability, sound judgment, and ability to relax patients

References:

UHMS: <https://www.uhms.org/>

NBDHMT: <http://www.nbdhmt.org/>

Document Control:

- Content updates 10/14/2019
- Previously named Hyperbaric Technologist (Certified)



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Your signature confirms you will be able to comply with the Qualifications and Competencies listed within this Scope of Service and that you will confirm education via your background check.

Applicant Printed Name: _____

Signature: _____

Date: _____