



DIVISION SCOPE OF SERVICE

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| Division: SAN ANTONIO |
| Classification: EXTRACORPOREAL MEMBRANE OXYGENATION PRIMER – ADULT REGISTERED RESPIRATORY THERAPIST |
| Applicant Name: |

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| <p>Extracorporeal Membrane Oxygenation Primer – REGISTERED RESPIRATORY THERAPIST</p> <p>The ECMO Primer, RRT 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:</p> <p>The Extracorporeal Membrane Oxygenation Primer, RRT assists physicians in the procedure that uses a machine to take over the work of the lungs and sometimes the heart. Scope of Service may include:</p> <ul style="list-style-type: none"> • Develops treatment plan involving: <ul style="list-style-type: none"> ○ Assessments ○ Planning ○ Implementation ○ Evaluation ○ Education • Monitors and adjusts ECMO circuit settings, (e.g. heat exchanger temperature, pump flow, sweep gas) to maintain parameters established by the ECMO physician • Responsible for assisting and support of the ECMO team • Builds and primes circuit for ECMO, which includes components as specified by the ECMO physician. • Monitors equipment closely during procedure for any changes in patient’s condition and informs physician immediately • Assists with initiations, circuit changes, decannulations, and changes to configuration to include sterile procedure with physician. • Serves as resource to bedside nurse on ECMO physiology, pump function, and troubleshooting • Correlates and records data obtained during the procedure • Demonstrates Clinical and Service excellence behaviors to include HCA Healthcare code of conduct core fundamentals in daily interactions with patients, families, co-workers and physician |
| <p>Setting(s):</p> <ul style="list-style-type: none"> • Healthcare facilities including but not limited to hospitals, outpatient treatment facilities, imaging centers, and physician practices |
| <p>Supervision:</p> <ul style="list-style-type: none"> • Direct supervision by Physician • Indirect supervision by the ECMO or ECLS Program Coordinator, Director or designee <p>Evaluator: ECMO Medical Director and CVICU/LRICU Director</p> <p>Tier Level: 2</p> <p>eSAF Access Required: Yes</p> |



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Qualifications:

- Graduate of a respiratory therapy education program accredited by the Commission on Accreditation for Respiratory Care (CoARC): Associates, bachelors or masters degree in respiratory care
- Current Registered Respiratory Therapist (RRT) from the National Board of Respiratory Care (NBRC)
- Completion of ECMO Specialist Course
- Completion of ECMO Primer Course
- American Heart Association or Red Cross health care provider BLS Certification
- American Heart Association or Red Cross health care provider ACLS Certification

NOTE: Where education may not be defined in qualifications area of the Scope, HCA Healthcare requires the highest level of education completed (not training or courses) confirmed on your background check.

State Requirements:

- Current Respiratory Care Practitioner licensed in the State of Texas

Experience:

Minimum of 1-year experience as an ICU respiratory therapist

Competencies:

The ECMO Primer-RRT will demonstrate:

- Safe and effective operation of equipment
 - Maintains equipment in good working order
 - Demonstrates effective infection control practices related to equipment operation
- Accurate patient information review and evaluation
 - Uses at least two ways to identify patients before performing procedure
 - Accesses the patient medical record appropriately
- Infection Prevention
 - Practices consistent hand hygiene
 - Uses personal protective equipment (PPE)
 - Required immunizations per Division requirements
 - Complies with Isolation precautions
- Preps, builds, and primes ECMO circuits
 - Maintains equipment in good working order
 - Demonstrates effective infection control practices related to equipment operation
- ECMO initiation
 - Maintain sterile field and assist ECMO physician when initiating ECMO
- ECMO decannulation
 - Maintain sterile field and assist ECMO physician when decannulating ECMO
- ECMO procedures
 - Two site cannulation to dual lumen cannulation
 - Transition to hybrid ECMO configuration
 - Implant of dual lumen cannula
- ECMO circuit advanced troubleshooting and emergencies
 - Monitor
 - Thrombosis
 - Function
 - Equipment failure



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- Air
- Accidental decannulation
- Annual Competency skills validation
- Must work at least two 12 hour shifts in a six-month period

References:

American Association for Respiratory Care (AARC): <https://www.aarc.org/wp-content/uploads/2017/03/statement-of-ecmo.pdf>

Texas Medical Board: <https://www.tmb.state.tx.us/page/licensing-respiratory-care-practitioner>

Extracorporeal Life Support Organization:

<https://www.else.org/portals/0/igd/archive/filemanager/97000963d6cusersshyerdocumentselsoguidelinesfortrain ingandcontinuingeducationofecmospecialists.pdf>

CoARC <https://coarc.com/students/find-an-accredited-program/>

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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: _____