



DIVISION SCOPE OF SERVICE

Division: CONTINENTAL
Classification: CERTIFIED CARDIOVASCULAR PERFUSIONIST
Applicant Name:

<p>Certified Cardiovascular Perfusionist: The Certified Cardiovascular Perfusionist 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 Cardiovascular Perfusionist performs those functions necessary for the support, treatment, measurement or supplementation of the cardiopulmonary and circulatory system of a patient. Scope of Service may include:</p> <ul style="list-style-type: none"> • Set up and operation of heart/lung machine • Set up and operation of autotransfusion device • Myocardial preservation/protection • Anti-coagulation and hematologic monitoring/analysis/intervention • Blood gas and blood chemistry monitoring/analysis/intervention • Induction of hypothermia/hyperthermia with reversal; Thermal regulation; therapeutic hypothermia/hyperthermia; hermogenic lavage • Hemodilution • Hemofiltration (i.e., Aquapheresis) • Administration of pharmaceuticals, blood components and anesthetic agents via the extracorporeal circuit as directed by physician • Intra-Aortic Balloon Counterpulsation (IABP)/External counterpulsation • Extracorporeal membrane oxygenation procedures (ECMO) • Circulatory support/ventricular assistance/device management • Documentation in patient medical record associated with described duties • Isolated limb/organ perfusion/organ delivery of chemotherapeutics, progenitor cells, gene therapy vectors, etc. • Physiological monitoring/analysis/intervention • Organ preservation/procurement • Hemoconcentration • Cardiopulmonary bypass • Extracorporeal Circulation/Cardiopulmonary/Resuscitation Support • Blood conservation techniques/auto-transfusion • Heart Failure Therapy and Support • Transportation of Extracorporeal Supported Patients if accompanied by a physician • Periodic flow augmentation therapy • Blood Management • Non-Differentiated Progenitor Cell Harvest • Acute Normovolemic Hemodilution • Hemostasis monitoring and analysis



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- EKG monitoring in the OR
- Intravascular membrane oxygenation
- Permission to accept verbal orders
- Maintenance of equipment logs
- Specific treatment modalities:
- Participation in delivery of autologous platelet gel
- Participation in conducting research studies
- Prepare heart-lung machine during resuscitations
- Coordination of care with other disciplines
- Maintains and secures patient data and records
- Documents the procedure in the medical record
- Demonstrates Clinical and Service excellence behaviors to include code of HCA Healthcare conduct core fundamentals in daily interactions with patients, families, co-workers and physicians.

Setting(s):

Hospitals: Surgical Services; Cardiac Catheterization Laboratory; Intensive Care or Cardiovascular Intensive Care Units, or any other area of the hospital requiring emergent bypass intervention

Supervision:

- Direct supervision by physician performing the specific procedure
- New Perfusionist or experienced Perfusionist who wish to specialize in pediatric patients will work with a Chief Perfusionist (whether employed or contracted) until the Chief Perfusionist deems the Perfusionist to be competent (within input from surgeons).
 - Indirect supervision by department director, site manager or designee

Evaluator: Department director or designee in conjunction with supervising physician

Tier Level: 3

eSAF Access Required: YES

Qualifications:

- Associates degree or higher
- Graduate of an accredited cardiovascular perfusion education program
- Certified by the American Board of Cardiovascular Perfusion (ABCP)
- American Heart Association or Red Cross health care provider BLS 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:

- N/A

Experience:

- At least 1 yr as Certified Cardiovascular Perfusionist

Competencies:

The Certified Cardiovascular Perfusionist will demonstrate:

- Safe and effective operation of cardiac perfusion equipment
 - Maintains equipment in good working order
 - Informs Biomed of maintenance that needs to be performed on equipment
 - Demonstrates effective infection control practices related to equipment operation



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- Accurate patient information review
 - Uses at least two ways to identify patients before treating or performing a procedure
 - Verifies that the requested procedure correlates with the patient’s clinical history, presentation and physician order
 - Participates in the pre-procedure process to verify the correct procedure, for the correct patient, at the correct site and involves the patient in the verification process when possible
 - Participates in a time-out immediately before the start of an invasive procedure or making of the incision.
 - Accesses the patient medical record appropriately
 - Documents in the medical record according to the facility standard / policy
- Maintains a safe environment
 - Labels containers used for blood and specimens in the presence of the patient
 - Labels all medications and solutions on and off the sterile field in perioperative and procedural settings
- Infection Prevention
 - Practices consistent hand hygiene
 - Uses personal protective equipment (PPE) when required
 - Required immunizations per Division requirements
 - Complies with Isolation precautions
 - Maintains sterile field

References:

HCPPro. (2003, May). Clinical Privilege White Paper: Cardiovascular Perfusionist. Retrieved from www.credentialingresourcecenter.com on October 26, 2011.

ABCP: <http://www.abcp.org/certification.htm>

ABCP List of Perfusionist: http://www.abcp.org/cert_listings.htm

Document Control:

- Previously named Cardiovascular Perfusionist-Certified
- Content updates 3/26/2019
- Cosmetic updates 10/21/2019

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: _____