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- CCU.10.1.4 Obtaining arterial blood gas samples and blood drawing from umbilical catheters.
 - CCU.10.1.5 Reading central venous pressure (CVP) and swan Ganz monitoring.
 - CCU.10.1.6 Knowledge of dosage range, side effects and complications of commonly used medications such as high alert medications used in coronary care including vasopressors, narcotics, and controlled medications.
 - CCU.10.1.7 Infection control principles.
 - CCU.10.1.8 Blood transfusions.
 - CCU.10.1.9 Assessing Glasgow Coma Scale (GSC).
 - CCU.10.1.10 Use of defibrillator.
 - CCU.10.1.11 Care of patients on ventilators.
 - CCU.10.1.12 Care of Endo-tracheal tube (ETT).
 - CCU.10.1.13 Care of patients with tracheostomies.
 - CCU.10.1.14 Care of the terminally ill and end of life patients.
- CCU.10.2 There is ongoing competency assessment for the nursing staff (e.g., written test, return demonstration).
- CCU.10.3 The competency assessment of the nursing staff is documented.
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Standard Intent:

Qualified nursing staff members are hired by the hospital through a process that matches the requirements of the position with the qualifications of the prospective staff member. This process also ensures that nursing staff member's skills are initially and over time consistent with the needs of patients. Ongoing evaluation and competency assessment ensures that training occurs when needed and that the staff member is able to assume new or changed responsibilities. Training and competency assessment should be undertaken for the procedures mentioned in substandard CCU 10.1.1 through CCU.10.1.14

CCU.11 The coronary care unit has adequate equipment, supplies, and diagnostic services.

CCU.11.1 There are isolation rooms with at least one negative pressure room.

CCU.11.2 The following equipment are available:

CCU.11.2.1 Ventilators.

CCU.11.2.2 Suction apparatus.

CCU.11.2.3 Airway sets.

CCU.11.2.4 Crash cart that includes defibrillator, all emergency supplies and medications as appropriate to the age of the patients.

CCU.11.2.5 ECG monitor, pulse oximetry, and vital signs monitor.



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- CCU.11.2.6 Automated blood pressure monitoring machine.
 - CCU.11.2.7 Intravenous infusion and blood transfusion pumps.
 - CCU.11.2.8 At least one invasive monitor.
 - CCU.11.3 The availability and functionality of all tools and equipment are checked daily.
 - CCU.11.4 Equipment are cleaned and disinfected daily and as needed.
 - CCU.11.5 Portable equipment for safe patient transports are available.
 - CCU.11.6 Laboratory and imaging services are available to meet the needs of patients in coronary care unit.
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Standard Intent:

Risks in clinical care processes are significantly reduced when appropriate and well-functioning equipment is used to provide the planned services. Adequate supplies and medications are also available and appropriate for planned use and emergent situations (substandard CCU.11.2.1 through CCU.11.2.8). Each organization understands the required or recommended equipment, supplies, laboratory and imaging services as well as the medications necessary to provide the planned services to its patient population. The equipment should have a process of daily checking to ensure availability and adequate functionality and should be disinfected regularly after and before use.

CCU.12 Policies and procedures are available to guide the work in the coronary care unit.

- CCU.12.1 There are policies and procedures for medical and nursing initial assessment and re-assessment requirements, including time frames for completion of initial assessments and frequency of re-assessments.
- CCU.12.2 There are policies and procedures for monitoring of patient circulation, respiration, and oxygenation.
- CCU.12.3 There are evidence-based criteria for intubation, weaning off ventilator and extubation.
- CCU.12.4 There are policies and procedures for handover procedure between staff in between shifts and at discharge to a lower acuity of care.
- CCU.12.5 There are policies and procedures for common and high risk procedures that include, but are not limited to, the following:
 - CCU.12.5.1 Coronary Angiogram.
 - CCU.12.5.2 Temporary pace maker.
 - CCU.12.5.3 Permanent pace maker.
 - CCU.12.5.4 Moderate or deep sedation.
- CCU.12.6 There are policies and procedures for infection control practices including isolation.
- CCU.12.7 Policies are collaboratively developed by the appropriate staff.