

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.

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**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.

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**Standard Intent:**

Policies and procedures are important tools for staff to understand the population served and services, and to respond in a thorough, competent, and uniform manner. Policies and procedures must be tailored to the particular ICU population to be appropriate and effective in reducing the related risk. Substandard CCU.12.2 through CCU.12.6 constitute the essential required policies.

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**CCU.13 The coronary care unit has a process for detection and notification of potential deceased organ donors.**

- CCU.13.1 The CCU establishes an effective communication and works collaboratively with the Saudi Center for Organ Transplantation (SCOT).
- CCU.13.2 The CCU uses criteria to identify potential donors based on Saudi Center for Organ Transplantation (SCOT) guidelines.
- CCU.13.3 The CCU reports all cases of potential Donation after Circulatory Death (DCD) to SCOT in appropriate time.
- CCU.13.4 The CCU reports all cases of potential Donation after Brain Death (DBD) to SCOT in appropriate time.
- CCU.13.5 The hospital establishes and uses criteria that support the effectiveness of the donation process (e.g., patient factors, time since perfusion of the tissue stopped, maintenance of viability by appropriate care of the body between death and donation).

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**Standard Intent:**

Based on the national standards for organ transplantation availability of organ donation policies ensure that all staff are following same method of notifying concerned section of any possible organ donation case and fill documents that approved by the SCOT, this considered vital issues as organ transplantation helps saving other patients life. In addition, the CCU to report all cases of potential donation in appropriate time to SCOT. It is also essential that hospitals establish and use criteria to support the effectiveness of donation process.

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**CCU.14 Infection control standards are strictly implemented and supervised in the coronary care unit.**

- CCU.14.1 The coronary care unit environment is maintained clean and neat at all times.
- CCU.14.2 Infection control standards are strictly applied in the coronary care unit (e.g., hand hygiene and using of personal protective equipment).
- CCU.14.3 Coronary care unit staff members adopt and implement care bundle for prevention of epidemiologically significant healthcare associated infections.

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**Standard Intent:**

Infection control practice is a mandatory aspect in any health care facility as it decreases infectious rate in the hospital and prevent spread of infection, Coronary Care unit Staff should strictly apply all infection control standards as their patients are