

PICU.10 Nursing staff in the pediatric intensive care unit receive continuous training with competency assessment.

PICU.10.1 Nursing staff in the pediatric intensive care unit receive training and education on the following general and intensive care related needs:

PICU.10.1.1 Pediatric fundamental critical care support.

PICU.10.1.2 Infection control principles.

PICU.10.1.3 Blood transfusion.

PICU.10.1.4 Use of the defibrillator.

PICU.10.1.5 Care of patients with tracheostomies.

PICU.10.1.6 Knowledge of dosage range, side effects and complications of commonly used high alert medications in pediatric critical care including vasopressors, narcotics, and controlled medications.

PICU.10.1.7 Recognizing critical ECG changes including arrhythmias.

PICU.10.1.8 Using pulse oximetry.

PICU.10.1.9 Assisting physician in placing central lines or arterial lines.

PICU.10.1.10 Assessing Glasgow Coma Scale (GCS).

PICU.10.1.11 Obtaining arterial blood gas samples.

PICU.10.1.12 Care of patients on ventilators.

PICU.10.1.13 Reading central venous pressure (CVP) and swan Ganz monitoring.

PICU.10.1.14 Care of endo-tracheal tube (ETT).

PICU.10.1.15 Pressure ulcer prevention and care

PICU.10.1.16 Guidelines for Monitoring & Management of IV Infiltration, Phlebitis & Extravasations

PICU.10.1.17 Pain assessment and management based on patient's age and condition (e.g., ventilated & non-ventilated patients).

PICU.10.2 There is ongoing competency assessment for the nursing staff (e.g., written test, return demonstration).

PICU.10.3 The competency assessment of the nursing staff is documented.

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 PICU 10.1.1 through PICU.10.1.17

PICU.11 The pediatric intensive care unit has adequate equipment and supplies.

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

PICU.11.2 The following equipment are available:

PICU.11.2.1 Ventilators.

PICU.11.2.2 Suction apparatus.

PICU.11.2.3 Airway sets.

PICU.11.2.4 Crash cart that includes defibrillator and all emergency supplies and medications.

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

PICU.11.2.6 Automated blood pressure monitoring machine.

PICU.11.2.7 Intravenous infusion and blood transfusion pumps.

PICU.11.2.8 Portable monitoring equipment for patient transfer.

PICU.11.3 The availability and functionality of all tools and equipment are checked daily.

PICU.11.4 Equipment are cleaned and disinfected daily and as needed.

PICU.11.5 Laboratory and imaging services are available to meet the needs of patients receiving pediatric intensive care.

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PICU.12 Policies and procedures are available to guide the work in the pediatric intensive care unit.

PICU.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.

PICU.12.2 There are policies and procedures for monitoring of patient circulation, respiration, and oxygenation.

PICU.12.3 There are evidence-based criteria for intubation, weaning off ventilator and extubation.

PICU.12.4 There are policies and procedures for handover procedure between staff in between shifts and at discharge to a lower acuity of care.