

Critical Care Medicine

Patient Care

Goals and Objectives

- 1) Interpret the results of initial focused clinical evaluations (history, physical examination, laboratory data) performed on patients admitted to the intensive care unit to
 - a) Identify patients who are at risk for organ failure
 - b) Identify the patients who require mechanical ventilation
 - c) Identify the patients who are in shock
- 2) Interpret the results of daily focused clinical evaluations (history, physical examination, laboratory data) performed on patients admitted to the intensive care unit to
 - a) Implement known strategies to minimize patient harm during intensive care unit admission
 - b) Assess the efficacy of treatments and therapies
 - c) Treat ongoing or new organ failure
- 3) Describe how to evaluate a critically ill adult
- 4) Become familiar with the implementation of goal directed ultrasound examinations.

Responsibilities and Expectations

- 1) Write admission and inpatient orders with the guidance of the critical care NP and attending physician
- 2) Compose H&Ps, daily progress notes, and procedure notes.
- 3) Attend daily morning rounds and be prepared to present patients in an organized and succinct manner
- 4) Update the ICU patient list to facilitate the transfer of care from shift to shift
- 5) Implement the clinical decisions made by the team during rounds.
 - a) Communicate with the admitting service
 - b) Arrange consultations
 - c) Communicate with the bedside RN
 - d) Review ongoing diagnostic studies
- 6) Notify the service NP if unable to implement the clinical plan
- 7) Communicate the results of consultations, diagnostic tests, and therapeutic procedures to the service NP in a timely manner
- 8) Perform peripheral, central, and arterial cannulation safely

Medical knowledge

Goals and objectives

- 1) Successfully complete the SCCM VCCR course
- 2) Understand the evaluation of CNS failure resulting from
 - a) Stroke
 - b) Encephalopathy
- 3) Understand the diagnosis and management of the following types of shock
 - a) Hypovolemic
 - b) Septic
 - c) Cardiogenic
 - d) Neurogenic
- 4) Distinguish between the various sedative and analgesic medications available
 - a) Opiates
 - b) Benzodiazepines
 - c) Alpha 2 receptor antagonists
 - d) Hypnotics
 - e) Propofol
- 5) Understand the diagnosis and management of delirium
 - a) Be familiar with the current guidelines for preventing delirium
- 6) Understand the causes of respiratory failure
 - a) Hypoxic
 - b) Hypercarbic
 - c) Structural/anatomic
- 7) Distinguish between the various therapies for respiratory failure
 - a) Supplemental oxygen delivery systems
 - b) NIPPV
 - c) Mechanical ventilation
- 8) Describe the veins and arteries that are cannulated in the intensive care unit
- 9) Identify the optimal management for patients with the following conditions
 - a) ARDS
 - b) Sepsis
 - c) Respiratory failure
 - d) Renal failure
 - e) Cardiac arrest

Practice-Based Learning and Improvement

Goals and Objectives

- 1) Apply knowledge of study designs and statistical methods to critique the literature on diagnostic and therapeutic effectiveness of interventions performed in the ICU.
- 2) Analyze common complications related to ICU admission

Responsibilities and Expectations

- 1) Attend morning educational conference
- 2) Attend monthly critical care fellow conference
- 3) Attend monthly critical care M&M conference to review and analyze treatment outcomes and complications
- 4) Compile a list of all procedures performed and any complications
- 5) Meet with the NP fellowship director at least once during the rotation to review goals and objectives

Interpersonal and Communication Skills

Goals and Objectives

- 1) Communicate effectively as a member of the multidisciplinary team which rounds together
- 2) Communicate effectively with patients and families
- 3) Work effectively as a member of a professional group
- 4) Consistently demonstrate sensitivity to patients from different cultures

Responsibilities and Expectations

- 1) Establish appropriate role in the multidisciplinary care team
- 2) Maintain appropriate lines of communication within the care team and across disciplines

Professionalism

Goals and Objectives

- 1) Enhance the body of knowledge in advanced practice nursing through exchange of ideas and knowledge in professional organizations, conferences, research activities, and written publications.
- 2) Understand ethical dilemmas that occur in the ICU
- 3) Functions as a licensed independent practitioner

Responsibilities and Expectations

- 1) Demonstrate respect, compassion, and integrity
- 2) Demonstrate a commitment to excellence and on-going professional development
- 3) Provides patient centered care recognizing cultural diversity and the patient or designee as a full partner in decision making

Systems-Based Practice

Goals and Objectives

- 1) Understand the allocation of critical care services at UCSF
- 2) Analyze the impact of critical illness on individuals and populations

Responsibilities and Expectations

- 1) Practice cost effective, evidence based health care and resource allocation that does not compromise quality of care
- 2) Know how to partner with health care managers and health care providers to assess, coordinate, and improve health care discharge planning and transition out of the intensive care unit.