CY1 Surgical Critical Care

Patient Care
The resident is expected to be introduced to:

- Management of complex critically ill surgical patients including a systems based approach in management of critical care patients
- Management of ventilators and associated complications such as ARDS and ventilatory associated pneumonia
- Percutaneous tracheostomy and gastrostomy tube placement
- Management of post-operative complications such as pulmonary embolus, surgical bleeding, sepsis, myocardial infarction
- Performing the following procedures:
  - Arterial line/ABG
  - IV placement/Phlebotomy
  - NG tube placement
  - Chest tube placement
  - Central Line Placement (Femoral and IJ/SC)

Medical Knowledge
The Resident should understand:

- The management of critically ill patients, including vasoactive medication and ventilatory management
- How to interpret and intervene upon readings from Swan Ganz catheters, central lines and arterial lines
- The management of perioperative intensive care unit patients including fluid resuscitation and antibiotic use
- Prioritization of patient acuity

Practice Based Learning and Improvement
The Resident should demonstrate the ability to:

- Evaluate published literature in peer reviewed journals and texts
- Apply clinical trials data to patient management
- Participate in academic and clinical discussions
- Teach medical students
- Attend conferences

Interpersonal and Communication Skills
The resident is expected to demonstrate the ability to:

- Interact with patients and their family
- Interact with Nursing staff and other members of the health care team
• Interact with OR staff
• Interact with Attendings
• Interact with peer and senior Housestaff

**Professionalism**

*The resident should:*
• Be receptive to feedback on performance
• Be attentive to ethical issues
• Be involved in end-of-life discussions and decisions
• Be sensitive to gender, age, race, and cultural issues
• Demonstrate leadership

**Systems Based Practice**

*The Resident should demonstrate:*
• Awareness of cost-effective care issues
• Sensitivity to medical-legal issues
• Knowledge of information technology/computer resources available