

# PGY-1 Training Objectives

## Duke SICU

### Patient Care

*The PGY-1 Resident on the Duke SICU Service should demonstrate the ability to:*

- Organize patient data by systems
- Develop complex differential diagnoses
- Formulate comprehensive assessment and plan
- Prioritize patient acuity and tasks
- Manage ICU Emergencies (ex: arrhythmia, hypotension, hemorrhage, codes)
- Prioritize clinical responsibilities
- Plan discharge/transfer
- Perform the following procedures
  - Arterial lines
  - Bronchoscopy
  - Chest tube placement
  - Dubhoff placement
  - Endoscopy
  - Femoral line
  - Internal jugular line
  - Subclavian line
  - Tracheostomy exchange

### Medical Knowledge

*The PGY-1 Resident on the Duke SICU Service should understand:*

- Basic Science principles (ex: metabolism, wound healing)
- Trauma Surgery principles (ex: ATLS, shock)
- General Surgery principles (ex: acute abdomen)
- General Medicine principles (ex: infectious disease)
- Critical Care subjects (ex: ARDS, SIRS, acid/base)
- Pharmacologic principles (ex: antibiotic management)
- Radiographic studies: indications and interpretation

### Practice Based Learning and Improvement

*The PGY-1 Resident on the Duke SICU Service should demonstrate the ability to:*

- Evaluate published literature in critically acclaimed journals and texts
- Apply clinical trials data to patient management
- Participate in academic and clinical discussions
- Teach medical students and physician assistant students
- Attend conferences

### Interpersonal and Communication Skills

*The PGY-1 Resident on the Duke SICU Service should demonstrate the ability to:*

- Interact with Patient/Family
- Interact with Nursing/SICU staff
- Interact with Consult Service
- Interact with SICU Attendings
- Interact with Surgical Attendings
- Interact with Senior Housestaff

**Professionalism**

*The PGY-1 Resident on the Duke SICU Service 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 PGY-1 Resident on the Duke SICU Service should have:*

- Be aware of cost-effective care issues
- Be sensitive to medical-legal issues
- Information technology/computer resources available