

OVERALL GOALS & OBJECTIVES FOR EACH RESIDENT LEVEL

PGY-1 (INTERNS)

1. Patient Care

a) Overall Competency Goals

- 1) Demonstrate proficiency in the preoperative and postoperative care of surgical patients.
- 2) Demonstrate thorough, accurate, and efficient assessment of patients in the outpatient setting.
- 3) Provide post-operative care that recognizes and effectively treats common complications of surgery such as deep venous thrombosis, atelectasis, pneumonia, and infection.
- 4) Demonstrate the ability to care for surgical emergencies in the role of the surgical resident on-call.
- 5) Develop basic open and laparoscopic surgical technical skills appropriate for PGY-1 level.

b) Specific Learning Objectives

- 1) Given a common condition requiring operation in general surgery or its specialties (otolaryngology, orthopedics, neurosurgery, urology, pediatric surgery, trauma, vascular surgery, and renal or liver transplant), describe the basic preoperative assessment of the patient, indications for surgery, and the expected course of uncomplicated post-operative recovery.
- 2) Given the signs and symptoms of a postoperative complication such as deep venous thrombosis, atelectasis, pneumonia, myocardial infarction, infection, stroke, renal failure, or operative site breakdown, demonstrate recognition of the nature of the problem and describe its appropriate evaluation and management.
- 3) Given a description of a surgical emergency, such as bleeding, hypotension, coma, seizure, cardiac or respiratory arrest, list the necessary steps in its evaluation and management.
- 4) Demonstrate acquisition of satisfactory open and laparoscopic skills for the PGY-1 level by passing the laparoscopic skills examination and all rotation-specific operative skills evaluations.

c) Teaching Methods (correspond to objectives 1-4 in b) above)

- 1a) Day-to-day supervised care of surgical patients in the outpatient and inpatient settings.
- 1b) Assigned readings for each rotation.
- 2a) Supervised on-call experiences.
- 2b) Rotation-specific and residency-wide teaching conferences.
- 3) Intern conference and rotation-specific conferences.
- 4) Supervised open operative surgery and laparoscopic operative skills laboratory.

d) Evaluation Methods (numbers in parentheses refer to objective number in b) above)

- 1) Oral exams (rotation-specific). (1-3)
- 2) Teaching rounds. (1-3)
- 3) Presentations in clinic. (1)
- 4) Rotation-specific conferences. (1-3)
- 5) FLS exam. (4)
- 6) Operative performance evaluations. (4)
- 7) Global rating forms. (1-4)

2. **Medical Knowledge**

a) **Overall Competency Goals**

1) Demonstrate broad base of knowledge in general surgery and other surgical specialties, to include: otolaryngology, orthopedics, neurosurgery, gynecology, anesthesiology, urology, pediatric surgery, trauma, vascular surgery, and transplant by successful achievement of all objectives of these rotations.

b) **Specific Learning Objectives**

- 1) Attend all weekly departmental grand rounds and resident conferences and complete each week's resident conference test.
- 2) Demonstrate sufficient mastery of the assigned readings for each rotation that rotation-specific knowledge objectives are achieved.
- 3) Complete the ABSITE and score at or above the 30th percentile for PGY-1 residents nationally.
- 4) Achieve a minimum of 50% on the ABSITE practice exams or show an improvement of at least 10% over the year.

c) **Teaching Methods**

- 1) Required weekly attendance at city-wide Grand Rounds and Resident Conference and site-specific Morbidity and Mortality Conference.
- 2) Required attendance and active participation in rotation-specific conferences and teaching rounds.
- 3) Assigned readings for each rotation and for the year.
- 4) Weekly ABSITE tutorial.

d) **Evaluation Methods**

- 1) Oral and written exams (rotation-specific).
- 2) Teaching rounds.
- 3) Rotation-specific conferences.
- 4) ABSITE examination.
- 5) Global rating forms.

3. **Practice-Based Learning and Improvement**

a) **Overall Competency Goals**

- 1) Learn to apply information provided in rotation-specific and residency-wide reading and conferences to the care of your patients.
- 2) Develop the ability to teach and mentor medical students assigned to your service.
- 3) Develop the skill to access electronically the current literature regarding your patients' medical conditions and incorporate the information into your care of patients.

b) **Specific Learning Objectives**

- 1) Demonstrate the ability to analyze your own decisions and performance; describe areas of deficiency and strategies for improvement every six months through discussion of PBL cases with advisor.
- 2) Demonstrate the ability to facilitate the learning of medical students.
- 3) Demonstrate the effective use of text and online literature to select treatment strategies.

c) **Teaching Methods**

- 1) Required weekly department conferences (Grand Rounds, Morbidity & Mortality, Resident Conference).
- 2) Weekly rotation-specific conferences.
- 3) Resident conference on critical appraisal of the literature.
- 4) Critical case review: preparation and presentation to your advisor of at least one clinical case and one critical incident each six months.

d) **Evaluation Methods (numbers in parentheses refer to objective number in (b) above)**

- 1) Oral exams (rotation-specific). (1, 3)
- 2) Teaching rounds. (1, 3)
- 3) Rotation-specific conferences. (1, 3)
- 4) Student evaluations. (2)
- 6) Global rating forms. (1, 3)

4. **Interpersonal Skills and Communication**

a) **Overall Competency Goals**

- 1) Effectively communicate care plans to patients, families, nurses, and other health care personnel.
- 2) Teach students the basics of preoperative and postoperative care, writing orders and progress notes.
- 3) Write orders and notes in a complete and legible fashion.
- 4) Respond promptly and courteously to requests of staff; answer pages promptly.

b) **Specific Learning Objectives**

- 1) Demonstrate proficiency in the management of a ward service, utilizing the cooperative skills of medical students, nurses and ancillary personnel.
- 2) Demonstrate skills for appropriately counseling and educating patients and their families in the ward and outpatient settings.
- 3) Demonstrate effective documentation of practice activities with proper operative/procedure note dictations, clinic visit dictations, discharge summary dictations, daily progress notes and event notes.
- 4) Demonstrate how to properly consult a specialty service (radiology, GI, PT, etc) by correctly formulating the *specific question* to be answered.
- 5) Present all patient and conference material in a concise, organized, logical and knowledgeable manner.
- 6) Demonstrate the ability to communicate information vital to patient care to peers and superiors in the surgical hierarchy in a timely fashion.

c) **Teaching Methods**

- 1) Teaching rounds.
- 2) Resident and faculty example.
- 3) Service-specific teaching conferences.

d) **Evaluation Methods (numbers in parentheses refer to objective number in b) above)**

- 1) Teaching rounds. (1-6)
- 2) Performance evaluations by students. (1)
- 3) 360° evaluations (nurses, ward clerks). (1, 2)
- 4) Chart review by faculty. (3)

5) Global rating forms. (1, 3, 5, 6)

5. Professionalism

a) Overall Competency Goals

1) Demonstrate a commitment to carrying out professional responsibilities, adherence to ethical principles, and sensitivity to a diverse patient population.

b) Specific Learning Objectives

1) Demonstrate respectful, altruistic and ethically sound behavior with patients and all members of the healthcare team.

2) Treat each patient, regardless of social or other circumstances, with the same degree of respect you would afford to your own family members.

3) Demonstrate sensitivity to cultural, age, gender and disability issues with patients and all members of the healthcare team.

4) Demonstrate a commitment to continuity of patient care by rounding on your service's patients twice a day at minimum.

5) Complete all assigned patient care tasks for which you are responsible or provide complete sign out to the on-call resident.

6) Enter all cases in the Surgical Operative Log weekly on the ACGME site.

7) Complete all dictations and other medical staff requirements as they are due, including duty hours reporting.

c) Teaching Methods

1) Resident and faculty example.

2) Institutional GME conferences and workshops.

3) Resident Conferences.

d) Evaluation Methods (number in parentheses refer to objective number in b) above

1) Medical Records reporting. (7)

2) 360° evaluations by nurses and ward clerks. (1-3)

3) 360° evaluations by peers. (1, 3, 4, 5)

4) Monthly review of Surgical Operative Log by Program Director. (6)

5) Global rating forms. (1-5)

6. Systems Based Practice

a) Overall Competency Goals

1) Learn to work effectively with all other elements of the healthcare system to provide efficient, safe, thorough, and cost-effective care.

b) Specific Learning Objectives

1) Demonstrate effective communication with referring physicians throughout the region, including appropriate cc's on all dictated documents.

2) Demonstrate effective and safe patient care which minimizes delays in discharge.

3) Develop an understanding of community private practice during the community rotations.

4) Demonstrate effective time management and adherence to work hours regulations.

5) Demonstrate an understanding of the larger system of hospital care by participating in weekly multidisciplinary rounds on appropriate services.

c) Teaching Methods

- 1) Teaching rounds
- 2) Participation in interdisciplinary rounds and care conferences.
- 3) Attendance at outpatient clinic and faculty office hours.

d) Evaluation Methods (numbers in parentheses refer to objective number in b) above)

- 1) Chart review. (1, 2)
- 2) 360° evaluation by ward clerks and case managers. (2, 5)
- 3) Review of duty hours compliance records. (4)

REQUIRED READINGS:

- 1) Part I (Basic Considerations) in Schwartz's Principles of Surgery.
- 2) Weekly reading assignments for Resident Conference.
- 3) Rotation-specific reading assignments.
- 4) Seminal articles in patient care (listed below and available online at Surgery website):

Mangano DT, Goldman L. Preoperative assessment of patients with known or suspected coronary artery disease. *NEJM* 1995; 333: 1750-1756.

Bratzler DW, Houck PM. Antimicrobial prophylaxis for surgery: An advisory statement from the National Surgical Infection Prevention Project. *CID* 2004; 38: 1706-1715.

Smetana GW. Preoperative pulmonary evaluation. *NEJM* 1999; 340: 937-944.

Van Den Berghe G, et al. Intensive insulin therapy in critically ill patients. *NEJM* 2001; 345: 1359-1367.

CRITERIA FOR ADVANCEMENT TO PGY-2 YEAR:

- 1) Satisfactory completion of all rotations and fulfillment of all performance objectives listed above.