

3RD YEAR SURGICAL RESIDENTS

1. Patient Care

a) Overall Competency Goals

- 1) Develop proficiency in independent evaluation of the general and vascular surgical patient, establishing criteria for admission, and managing a patient in the hospital environment, to include intensive care as well as the outpatient setting.
- 2) Develop management skills required to independently evaluate a general surgical consult and trauma patient, develop a management plan that is effectively communicated to senior residents, and assure implementation of this plan.
- 3) Begin to formulate the organizational and administrative skills required to manage a surgical service.
- 4) Develop the ability to assess and manage patients with major burns, pediatric surgical patients, and cardiothoracic surgical patients.
- 5) Continue to develop skills in laparoscopic and open operations.

b) Specific Learning Objectives

- 1) Given a set of signs and symptoms in a general or vascular surgery patient in the outpatient settings, demonstrate proficiency in planning the most appropriate diagnosis and management.
- 2) Given a set of signs and symptoms or a case scenario of a critically ill general surgical patient on the ward or in the emergency room, describe an appropriate management strategy including immediate diagnostic and resuscitative measures and definite therapy.
- 3) Demonstrate the ability to conduct the assessment and management of a trauma patient presenting to the emergency room.
- 4) Demonstrate the ability to manage the day-to-day activities of a general and vascular surgery service including supervision of medical students and interns.
- 5) Demonstrate the ability to manage patients with major burns and pediatric and cardiothoracic surgical patients under direct supervision of faculty and fellows.
- 6) Demonstrate proficiency in planning and conducting open and laparoscopic procedures such as lumpectomy, sentinel lymph node dissection, laparoscopic cholecystectomy, small and large bowel resection, abdominal exploration for acute abdomen or bowel obstruction, formation and closure of enterostomies, vascular access procedures, pediatric hernias, burn excision and skin grafting.

c) Teaching Methods (correspond to objectives in b)

- 1) Attendance in outpatient clinic under direct supervision of faculty.
- 2) Inpatient call for the emergency general surgery service and back-up call for interns in the community hospital setting.
- 3) Inpatient call on a Level I trauma service with direct chief resident and faculty supervision and daily teaching rounds.
- 4) General surgery rotation experience with direct daily chief resident and faculty supervision and weekly teaching rounds.
- 5) Rotations on burns, pediatric surgery, and cardiothoracic surgery with direct faculty supervision and teaching rounds.

6) Intraoperative teaching.

d) **Evaluation Methods (numbers in parentheses refer to objective number in 6) above)**

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

2. **Medical Knowledge**

a) **Overall Competency Goals**

1) Develop a mastery of the fundamentals of basic and clinical surgical science necessary to care for complex general, vascular, trauma, cardiothoracic and burn patients, both children and adults, as well as to teach these fundamentals to medical students and interns.

b) **Specific Learning Objectives**

- 1) Attend all weekly departmental grand rounds and resident conferences and achieve at minimum a 70% score on 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-3 residents nationally.

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.
- 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 their advisor of at least one clinical case and one critical incident each six months.

d) Evaluation Methods (numbers in parentheses refer to objective numbers 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) Develop proficiency in the management and leadership of a ward service, utilizing the cooperative skills of medical students, junior residents, nurses and ancillary personnel.
- 2) Begin to formulate the skills required to manage a surgical service as senior resident on the EGS service at OHSU and Trauma and Burn services at Emanuel Hospital.
- 3) Effectively communicate care plans to patients, families, nurses, and other health care personnel.
- 4) Teach students the basics of preoperative and postoperative care, writing orders and progress notes.
- 5) Write orders and notes in a complete and legible fashion.
- 6) Respond promptly and courteously to requests of staff; answer pages promptly.

b) Specific Learning Objectives

- 1) Demonstrate proficiency in the management and leadership 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.

- 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.
- 7) Demonstrate skill and sensitivity in giving bad news, such as telling families that their loved ones have died or are critically ill, and managing patients with a variety of challenging emotional states including severe grief, fear, intoxication, and psychosis.

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 numbers 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, 7)

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) Develop administrative skill in preparation of the weekly M&M reports and presentations at conferences.
- 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 (numbers in parentheses refer to objective numbers 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)
- 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 skill in working with other disciplines while assessing and managing consults, emergency room patients, and critically ill patients so that efficient, safe, and effective care is facilitated.
- 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 numbers 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) Chapters 24, 25, 26, 27, 28, 33, 35, and 38 in Schwartz's Principles of Surgery.
- 2) Weekly reading assignments for Resident Conference.
- 3) Rotation-specific reading assignments.

CRITERIA FOR ADVANCEMENT TO PGY-4 YEAR:

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