

4th YEAR SURGICAL RESIDENTS

1. Patient Care

a) Overall Competency Goals

- 1) Build on the patient care knowledge and skills obtained as a PGY-3 resident to demonstrate a clearer progression in skill and knowledge that allows the resident to exercise greater responsibility in the management of surgical patients, as well as in the type of surgical cases he/she can act as primary surgeon, as judged by the faculty.
- 2) Develop the ability to evaluate independently patients with problems in the realms of general and vascular surgery, trauma, renal and liver transplant, and pediatric surgery; to develop a management plan that is effectively communicated up and down the surgical hierarchy, and to assure implementation of this plan.
- 3) Develop the leadership, organizational and administrative skills required to manage a surgical service as acting “chief resident.”
- 4) Continue to develop both open and laparoscopic operative skills and be capable of independently completing procedures learned in the PGY-1, PGY-2, and PGY-3 years.

b) Specific Learning Objectives

- 1) Demonstrate proficiency in performing all laparoscopic and open procedures learned in the first two years of residency, such as hernia repairs, appendectomy, lumpectomy and sentinel lymph node dissection, laparoscopic cholecystectomy, vascular access procedures, amputations, small and large bowel resections, gastrointestinal endoscopy, bronchoscopy, arterial and central venous line placement, and tube thoracostomy.
- 2) Demonstrate satisfactory performance under direct faculty supervision of renal transplants and basic head and neck procedures such as lymph node dissection, thyroidectomy, direct and indirect laryngoscopy, and parathyroidectomy.
- 3) Given signs and symptoms of a child or adult patient with a complex surgical problem in general, vascular, trauma, head and neck, liver or renal transplant, describe an appropriate assessment, diagnostic strategy, and management plan.
- 4) Demonstrate effective leadership on services in which the resident serves as “acting chief” resident by supervising interns and junior residents and assuring efficient, safe, and cost-effective patient care.

c) Teaching Methods (correspond to objectives in b)

- 1) Intraoperative teaching.
- 2) Intraoperative teaching.
- 3) Rotations on general, vascular, head and neck, pediatric, and transplant surgery with experience evaluating outpatients, inpatients, and emergency room patients and manage them under direct faculty supervision.
- 4) Direct faculty mentorship.

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

- 1) Oral and written exams. (3)
- 2) Teaching rounds. (3, 4)
- 3) Presentations in clinic. (3)

- 4) Rotation-specific conferences. (3)
- 5) Operative performance evaluations. (1, 2)
- 7) Global rating forms. (1-4)

2. **Medical Knowledge**

a) **Overall Competency Goals**

- 1) Acquire the basic knowledge of conditions in the realm of head and neck surgery and transplant surgery to be able to assess patients in the outpatient and inpatient setting, develop an appropriate care plan, and perform basic operations under direct faculty supervision.
- 2) Achieve adequate knowledge of general, vascular, and pediatric surgical conditions to be able to evaluate and manage them independently.

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 17, 30, 37, and 38 in Schwartz's Principles of Surgery, 8th Ed (NY: McGraw-Hill), 2005.
- 2) Weekly reading assignments for Resident Conference.
- 3) Rotation-specific reading assignments.

CRITERIA FOR ADVANCEMENT TO PGY-5 YEAR:

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

