

PGY-1 Overall Goals & Objectives

PGY-1 residents are expected to accomplish and maintain the following objectives:

- Develop personal values and interpersonal skills appropriate for the surgical resident (demonstrated by being available at required times, and giving patient care needs the highest priority).
- Provide care for patients assigned, follow up on issues, and communicate issues with the senior residents and attendings.
- Provide for the day-to-day care of patients.
- Develop a working knowledge of common problems in general surgery, vascular surgery, surgical oncology and trauma (demonstrated through achievement of an acceptable grade on pertinent rotation evaluations).
- Perform comprehensive histories and physicals, and communicate findings to senior residents and other team members.
- Evaluate laboratory and radiographic studies by directly viewing these studies and communicating results to senior residents.
- Master basic pathophysiology of surgical disease.
- Establish basic proficiency in the evaluation of patients under routine and emergency circumstances (demonstrate the ability to: recognize surgical emergencies, perform a history and physical examination, order appropriate basic ancillary studies, effectively communicate findings to other physicians).
- Establish basic proficiency in providing pre-operative and post-operative care (demonstrate the ability to: write appropriate pre- and post-operative orders for floor patients, handle nursing calls appropriately, manage most routine postoperative care with minimal intervention by supervisors).
- Arrive in the operating room on time and prepared with knowledge of the applicable anatomy and physiology.
- Assist in the operating room.
- Begin to learn surgical technique under the direct supervision of attending surgeons.
- Acquire basic operative skills necessary to perform less complex surgical procedures, such as hernia repair, central line procedures and minor outpatient surgery.
- Learn the basics of post-operative care in the hospital and in the clinic.
- Teach rotating medical students.
- Develop interpersonal skills to optimize patient care among all members of the healthcare team.

PGY-2 Overall Goals & Objectives

PGY-2 residents are expected to accomplish and maintain the following objectives:

- Develop organizational and teaching skills necessary for basic management of a surgical service (demonstrate the ability to attend to organizational duties of service such as organizing rounds and teaching sessions).
- Provide day-to-day care of patients.
- Perform comprehensive histories and physicals.
- Formulate plans of care based on acquired information.
- Understand decision making processes used in the care of surgical patients.
- Establish a knowledge base and skill proficiency for the management of the critically ill surgical patient and the burned patient (demonstrated through the ability to place endotracheal tubes, catheters, and arterial lines, and through the achievement of an acceptable grade on pertinent rotation evaluations).
- Acquire proficiency in surgical endoscopy (through successfully performing colonoscopy, EGD, anoscopy, bronchoscopy).
- Develop enhanced proficiency in the provision of pre- and post-operative care (demonstrate the ability to manage pre- and post-operative care of complex patients with minimal intervention by supervisors).
- Understand the anatomy of surgical procedures. Know the procedure well the night before and arrive in the OR on time and well prepared.
- Develop increased skill in operative technique required for procedures of increasing surgical complexity, such as skin grafting; more complex hernia repairs and complex soft-tissue surgery (demonstrate the ability to perform these operations with minimal assistance).
- Develop a post-operative plan of care with the senior residents and attendings and help implement that plan.
- Develop interpersonal skills in relationships with peers, nursing staff, attendings, patients and their families.
- Convey appropriate information to senior residents.
- Teach interns and rotating medical students.
- Continue a program of regular study of a basic textbook of surgery.

PGY-3 Overall Goals & Objectives

PGY-3 residents are expected to accomplish and maintain the following objectives:

- Establish a knowledge base, judgment and interpersonal skills necessary to function as a surgical consultant (demonstrated by successfully managing simple consults with minimal help).
- Develop enhanced skills in the management of a surgical service (demonstrated by managing service administrative duties assigned by chief resident or faculty).

- Develop knowledge and skills necessary to function as the trauma team leader for both adult and pediatric patients (demonstrated by successfully directing trauma resuscitation).
- Provide in house coverage for consultations and emergency room admissions.
- Assist at trauma admissions.
- Continue to develop technical skills necessary for the performance of more complex surgical procedures in general, pediatric, and minimally invasive surgery (demonstrated through the ability to perform laparoscopic cholecystectomy, small bowel resection, and other procedures of similar complexity).
- Learn more advanced surgical techniques.
- Develop proficiency in the rational use of surgical literature and evidence-based medicine (demonstrated by supporting clinical discussions and recommendations with scientific evidence).
- Continue a program of reading and study of basic surgical material, as well as leading scientific/academic journals on a regular basis.
- Teach junior residents in the emergency room, and on rounds.
- Teach rotating medical students.
- Refine interpersonal skills.

PGY-4 Overall Goals & Objectives

PGY-4 residents are expected to accomplish and maintain the following objectives:

- Broaden the depth of understanding of surgical illness, including basic science of surgery, non-operative and operative options, complications and their prevention, and surgical judgment.
- Continue to develop knowledge and skills necessary for the complete management of common problems in general, minimally invasive, vascular, and thoracic surgery (demonstrated through the ability to manage most common problems with minimal assistance).
- Demonstrate enhanced proficiency for functioning as the trauma team leader for both adult and pediatric patients (demonstrated by successfully directing trauma resuscitation).
- Conduct daily rounds.
- Communicate details to attendings as appropriate.
- Master the sophisticated pathophysiology of surgical patients.
- Master the details of pre-operative preparation of hospitalized patients and outpatients.
- Learn surgical techniques.
- Master the details of an operative plan along with an understanding of risks, benefits, alternatives and complications.

- Work with the attending surgeon in the development of a post-operative plan of care.
- Refine interpersonal skills.
- Educate junior residents and medical students.
- Demonstrate satisfactory performance as a teacher of junior residents and medical students (demonstrated by receiving acceptable feedback from students and peers).
- Competently manage a house staff team in the peri-operative care of the patient.
- Provide supervision to junior residents in carrying out patient care responsibilities.
- Review notes as appropriate with junior residents.
- Review laboratory data and studies with junior residents.
- Assist junior residents in the development and conduct of plans of care.
- Supervise junior residents in the execution of care plans.
- Conduct a regular program of advanced reading and study.
- Become conversant with a few surgical journals.

PGY-5 Overall Goals & Objectives

PGY-5 residents are usually given the greatest responsibility in the operating room and in the management of non-operative patients. They are also given the significant responsibility of managing the team of residents that they lead. Most importantly, chief residents are expected to *lead by example*. In addition, chief residents are expected to accomplish and maintain the following objectives:

- Demonstrate personal and professional responsibility, leadership skills and interpersonal skills necessary for independent practice as a specialist in surgery (demonstrated by successfully managing the chief resident services).
- Develop knowledge and skills necessary to assume complete responsibility for the management of the surgical patient, including mastery of the fundamental components of surgery as defined by the American Board of Surgery (demonstrated by achieving acceptable scores on written and oral examinations and by receiving acceptable evaluations).
- Demonstrate proficiency in management of complex problems in general and minimally invasive surgery, and surgical oncology (as evidenced by the ability to treat complex problems in the discipline with minimal help).
- Develop a sophisticated understanding of the pathophysiology of surgical diseases represented on the service.
- Conduct daily rounds on all patients on the service.
- Communicate details of patient progress to the appropriate attending.
- Be directly involved in pre-operative management (especially co-morbid factors) and decision making along with the attending.

- Arrive in the operating room on time and armed with an in-depth knowledge of the anatomy of the procedure to be performed along with an understanding of appropriate physiology, surgical alternatives, risks, benefits and options.
- Develop a plan for post-operative care with the attending and help carry it out.
- Provide post-hospital follow-up in clinic.
- Demonstrate excellent interpersonal skills with all other members of the health care team.
- Serve as a role model and consultant for junior residents.
- Provide supervision to junior residents in carrying out patient care responsibilities for the group of patients assigned by the chief resident.
- Serve as an educator of medical students and junior residents.
- Carry out administrative tasks as requested by the Program Director and Associate Program Director.
- Assist the Program Director and Associate Program Director with administrative matters such as scheduling, etc.
- Assist in assuring coverage of the assigned service.