GOALS AND OBJECTIVES FOR PGY2 CARDIOTHORACIC SURGERY RESIDENT ON CHESTNUT HILL and HUP GENERAL SURGERY SERVICE

Description:
As a CY2, residents will rotate for 6 months at Chestnut Hill Hospital on the General Surgery service. This rotation was selected due to the excellent teaching and hands-on surgical experience residents obtain in the operating room. Residents will closely follow their patients postoperatively, including care in the ICU. Residents will also learn to communicate with other physicians while performing in-house and emergency room general surgery consultations.

They will also spend an additional 2 months on a HUP general surgery service.

(1) Medical Knowledge
1. Anatomy, physiology, and pathology of the cardiovascular, respiratory, gastrointestinal, endocrine, and musculoskeletal systems.
2. Diagnostic evaluation and care of basic and complex surgical patients and procedures, including trauma and Intensive Care Unit patients.
3. Pharmacology, indications, and complications of drugs commonly used in general surgery.
4. The natural history of treated and untreated general surgical conditions that a CY2 surgical resident would typically operate, including appendicitis, cholecystitis, colon cancer, small bowel and gastric pathology, abscesses, breast cancer, hernias, lipomas, and skin cancers/melanoma.
5. Principles of surgery, including wound healing, hemostasis, surgical nutrition, electrolytes/fluid resuscitation, and oncology.
6. Effective management of surgical caregiving team.

(2) Clinical Skills
1. Perform an acceptable history and physical exam concentrating on the relevant areas in general surgery.
2. Evaluate inpatient, outpatient, and emergency department patients, ordering appropriate laboratory, radiological, and other diagnostic procedures demonstrating knowledge in the interpretation of these investigations.
3. Arrive at an acceptable plan of management, demonstrating knowledge in management of the disease process.
4. Manage the patient throughout the hospital stay, including management in the recovery room, ward, and intensive care setting, demonstrating knowledge and ability to anticipate, recognize, and manage potential complications of the disease processes and operative procedures.
5. Provide patient care for the patients in the Surgical Intensive Care Units, including the recognition of hemodynamic compromise/shock, ability to manage and wean ventilatory support, ability to effectively select/manage pressors/improve oxygen delivery.

(3) Patient Care
1. Increasing responsibility/participation in the operating room, demonstrating an ability to perform basic surgery skills. Develop technical skills in the performance of open and laparoscopic operations suitable for the level of training, including hernia repair, appendectomy, I & D, amputations, cholecystectomy, operations of the small and large intestine, gastric operations; breast surgery and soft tissue tumors.

2. Ability to obtain central venous access (femoral, subclavian, internal jugular), place arterial lines (radial and femoral), feeding tubes, foley catheters, chest tubes, placement and interpretation of PA catheters.

(4) Professionalism
1. The ability to communicate effectively with patients, their families and other members of the healthcare team.
2. The ability to be honest, reliable, and respectful of the religious, racial and gender characteristics of patients, their families and other members of the healthcare team.
3. The ability to understand the psychological needs of the patient facing potentially life threatening disease and surgery.
4. The ability to give and receive advice in a manner that is consistent with the harmonious operation of a healthcare team.
5. An awareness of the medico-legal aspects of general surgery.
6. An appreciation of the ethical aspects of general surgery.
7. An understanding of the obligation of continuing self-education and of teaching others, including medical students.
8. The ability to keep succinct, pertinent and current medical records.
9. The ability to recognize when to seek assistance from more experienced colleagues.
10. The ability to appreciate the importance of acquiring and maintaining an appropriate professional attitude in order to practice in any specialty.

(5) Interpersonal and Communication Skills
1. Establish therapeutic relationships with patients and families.
2. Obtain and synthesize relevant history from patients, families, and their communities.
3. Listen effectively.
4. Discuss appropriate information with patients, families, and the healthcare team.
5. Inform patients and families about their condition at an appropriate and understandable level.
6. Be sensitive and respond appropriately to issues of gender, culture, and ethnicity in dealing with patients and families.
7. Write clear consultation note/discharge summary/clinic note.
8. Prepare and present ward and ICU rounds in an organized manner.
9. Participate actively in scheduled rounds.

(6) Systems-based Practice
1. Utilize resources effectively to balance patient care and learning needs.
2. Allocate finite health care resources wisely.
3. Understand the importance and mechanisms to safely utilize resources in a cost-effective manner to benefit all patients.
(7) Practice-Based Learning and Improvement
1. Develop, implement and monitor a personal continuing education strategy.
2. Critically appraise sources of medical information.
3. Facilitate learning of patients, housestaff/students, and other health professionals.
4. Contribute to development of new knowledge.
5. Recognize gaps in knowledge and develop strategies to correct this by self-directed reading, and consulting with other professionals.
6. Contribute knowledge learned to service rounds.
7. Understand principles and practice of basic and applied research including the scientific method, design and conduct of clinical trials, critical appraisal of literature and the use of statistics.
8. Understand the need to incorporate gender, cultural, and ethnic perspectives in research methodology.
9. Read around clinical cases.
10. Prepare and present scheduled rounds.
11. Participate actively in scheduled morbidity and mortality conferences.
12. Prepare and present clinical research papers.
13. Participate effectively in teaching fellow professionals including junior housestaff.

Method of assessment of resident academic performance
1. End of rotation online evaluation
2. Yearly in-service training exam.
3. Bi-annual case log review