



**Mississippi Medical Education and Research Consortium
Mississippi Delta Family Medicine Residency Program**

General Surgery Rotation - PGY-1

Duration: 4 weeks, PGY-1
Supervisor: Dr. Renia Dotson
Location: Delta Regional Medical Center

Educational Goals:

Residents will achieve competency in diagnosis, appropriate management and treatment options, long-term prognosis, intra- and post-op complications of common surgical problems seen in the primary and secondary care settings. Residents will gain exposure to various surgical procedures performed by surgeons and will acquire foundational knowledge and skills in performing minor surgical procedures. Residents will also gain competence in appropriately referring patient with surgical problems.

Educational Objectives:

By the end of the surgery rotation, residents will be able to:

A. Patient Care:

1. Differentiate the causative origin of clinical symptoms resulting in the need for medical versus surgical intervention
2. Perform an appropriate clinical assessment including history, physical examination, laboratory/radiological evaluation and differential diagnosis of key signs and symptoms of surgical conditions
3. Rapidly recognize surgical emergencies and arrange for appropriate speed and type of intervention
4. Perform a pre-operative assessment
5. Properly choose and administer a local anesthetic agent
6. Assist and/or perform various outpatient surgical procedures.
7. Demonstrate an understanding of intraoperative care including basic principles of sterile technique, use of surgical instruments and ability to first assist
8. Recognize and appropriately manage post-operative complications, including atelectasis, pneumonia, UTIs, cellulitis and/or wound dehiscence, and DVT
9. Deliver proper post-surgical follow up, wound care and wound care instructions

B. Medical Knowledge:

1. Demonstrate understanding of basic principles of anesthesia including medications, routes of administration and resuscitation methods
2. Demonstrate knowledge of basic principles of surgical diagnosis, including an appropriate differential diagnosis, basic surgical anatomy and wound physiology, care

and healing processes of common surgical conditions

3. Describe various risk levels for surgical procedures and anesthesia, and accurately perform pre-operative risk assessments using the standard pre-op physical form
4. Become familiar with daily management of patients on the surgical floor.

C. Practice-Based Learning and Improvement:

1. Critically evaluate evidence basis for diagnosis and treatment of surgical conditions such as the use of interventional radiology procedures, laparoscopic techniques, and pre-procedure imaging.
2. Recognize practice limitations and seek consultation with other health care professionals when necessary to provide optimal care.
3. Interpret and apply treatment guidelines for management of surgical conditions.
4. Modify patient treatment plans on an ongoing basis based on patient response to therapy
5. Use information technology to support evidence based patient care decisions

D. Interpersonal and Communication Skills:

1. Obtain a full surgical history using effective communication skills with the patient and family/care provider
2. Demonstrate sensitivity to the patient's and family's concerns and anxieties regarding the potential need for surgical intervention
3. Collaborate effectively with surgeons as partners in the evaluation of and decision making for the care of surgical patients
4. Obtain informed consent and understand what to do with an incapacitated patient

E. Professionalism:

1. Dress appropriately based upon standards present for attending physicians in the clinic and/or inpatient setting associated with the surgery rotations
2. Demonstrate sensitivity, integrity, honesty, and responsiveness to surgical patients' perception of illness, and including these perceptions and patient preferences in formulation of management plan
3. Demonstrating understanding of ethical and legal considerations including informed consent, quality of life, and end-of-life issues
4. Maintain appropriate patient confidentiality at all times

F. Systems-Based Practice:

1. Demonstrate ability to practice cost effect care in the evaluation and management of the surgical patient
2. Understand and utilize ancillary services in the surgical setting (i.e. medical consultation, physical and occupational therapies, social services, nutrition, etc.) to optimize patient care