

MS GENERAL SURGERY

Programme Outcomes

At the end of the course the students should be able to:

- ❖ Recognize and identify the various surgical problems, institute diagnostic, therapeutic, rehabilitative and preventive measures to provide holistic care to the patients.
- ❖ Take detailed history, perform full physical examination and make clinical diagnosis, perform relevant investigative and therapeutic procedures.
- ❖ Interpret important imaging and laboratory results.
- ❖ Independently perform basic surgical procedures, manage surgical trauma emergency efficiently.
- ❖ Demonstrate empathy and human approach towards patients and their families. Demonstrate communication skills of a high order in explaining management and prognosis, providing counseling and giving health education to patients, families and communities.
- ❖ Develop skills as a self-directed learner, recognize continuing educational needs use appropriate learning resources, and critically analyze relevant published literature in order to practice evidence based surgery, facilitate learning of medical/nursing students, practicing physicians, paramedical health workers and other health providers as a teacher/trainer.
- ❖ Organize and supervise the desired managerial and leadership skills.

Course outcome

At the end of the course the students should be able to:

- ❖ At the end of the course the students should be a competent surgeon whom.
- ❖ CO 2 Has acquired the competence pertaining to surgery that is required to be practiced in the community and at all levels of health care system.
- ❖ CO 3 Has acquired the skills to manage the patients of trauma effectively.
- ❖ Has acquired skill in effectively communicating with patient and his attendants.
- ❖ Has the desired surgical skill to independently operate on elective and emergency cases.
- ❖ Is aware of the latest developments in the field of surgery is oriented to principles of research methodology.
- ❖ Has acquired skills in educating medical and paramedical professionals

- ❖ Diagnose and appropriately manage common surgical ailments in a given situation.
- ❖ Provide adequate preoperative, post-operative and follow-up care of surgical patients.
- ❖ Identify situations calling for urgent or early surgical intervention refers at the optimum time to the appropriate centers.
- ❖ Counsel and guide patients and relatives regarding need, implications and problems of surgery in the individual patient. Provide and coordinate emergency resuscitative measures in acute surgical situations including trauma.
- ❖ Organize and conduct relief measures in situations of mass disaster including triage.
- ❖ Effectively participate in the National Health Programs especially in the Family Welfare Programs.
- ❖ Discharge effectively medico-legal and ethical responsibilities and practice ethically.
- ❖ Must update knowledge in recent advances and newer techniques in the management of the patients. Must learn to obtain informed consent prior to performance of operative procedure.
- ❖ Perform surgical audit on a regular basis and maintain records (manual and/or electronic) for life.
- ❖ Participate regularly in departmental academic activities by presenting Seminar, Case discussion, Journal Club and topic

discussion on weekly basis and maintain logbook.

- ❖ Demonstrate sufficient understanding of basic sciences related to his specialty. Plan and advice measures for the prevention and rehabilitation of patients belonging to his specialty.
- ❖ Know the basic concepts of research methodology, plan a research project and know how to consult library.
- ❖ Should have basic knowledge of statistics.
- ❖ The student should learn the basic methodology of teaching and develop competence in teaching medical/paramedical students.