



Introduction to the senior clerkship: Bedside Manner and Etiquette

Prof Nimrod J M Mwang'ombe
Professor of Surgery
University of Nairobi
Kenyatta National Hospital



THE PAST: KING GEORGE IV





INTRODUCTION



- * The aim of the surgery clerkship is to provide a stimulating learning environment that enables the student acquire the attitudes, skills and knowledge of surgery essential to becoming a good physician. During that period, students will be introduced to clinical problem solving skills. Students are expected to develop self-educational clinical activities during the clerkship period.



LEARNING OBJECTIVES



- * 1. Hippocratic Oath
- * 2. Medical knowledge.
- * 3. Interpersonal and communication skills.
- * 4. Scientific foundation of surgery.
- * 5. Basic clinical skills.
- * 6. Patient care.
- * 7. Community health.
- * 8. Medical ethics.
- * 9. Professionalism.
- * 10. Lifelong learning.
- * 11. Covid-19. Learning Environment.



HIPPOCRATIC OATH: CLASSIC VERSION



I swear by Apollo Physician and Asclepius and Hygieia and Panaceaia and all the gods and goddesses, making them my witnesses, that I will fulfill according to my ability and judgment this oath and this covenant:

To hold him who has taught me this art as equal to my parents and to live my life in partnership with him, and if he is in need of money to give him a share of mine, and to regard his offspring as equal to my brothers in male lineage and to teach them this art—if they desire to learn it—without fee and covenant; to give a share of precepts and oral instruction and all the other learning to my sons and to the sons of him who has instructed me and to pupils who have signed the covenant and have taken an oath according to the medical law, but no one else.

I will apply dietetic measures for the benefit of the sick according to my ability and judgment; I will keep them from harm and injustice.

I will neither give a deadly drug to anybody who asked for it, nor will I make a suggestion to this effect. Similarly I will not give to a woman an abortive remedy. In purity and holiness I will guard my life and my art.

I will not use the knife, not even on sufferers from stone, but will withdraw in favor of such men as are engaged in this work.

Whatever houses I may visit, I will come for the benefit of the sick, remaining free of all intentional injustice, of all mischief and in particular of sexual relations with both female and male persons, be they free or slaves.

What I may see or hear in the course of the treatment or even outside of the treatment in regard to the life of men, which on no account one must spread abroad, I will keep to myself, holding such things shameful to be spoken about.

If I fulfill this oath and do not violate it, may it be granted to me to enjoy life and art, being honored with fame among all men for all time to come; if I transgress it and swear falsely, may the opposite of all this be my lot.



HIPPOCRATIC OATH MODERN VERSION



I swear to fulfill, to the best of my ability and judgment, this covenant:

I will respect the hard-won scientific gains of those physicians in whose steps I walk, and gladly share such knowledge as is mine with those who are to follow.

I will apply, for the benefit of the sick, all measures [that] are required, avoiding those twin traps of overtreatment and therapeutic nihilism.

I will remember that there is art to medicine as well as science, and that warmth, sympathy, and understanding may outweigh the surgeon's knife or the chemist's drug.

I will not be ashamed to say "I know not," nor will I fail to call in my colleagues when the skills of another are needed for a patient's recovery.

I will respect the privacy of my patients, for their problems are not disclosed to me that the world may know. Most especially must I tread with care in matters of life and death. If it is given me to save a life, all thanks. But it may also be within my power to take a life; this awesome responsibility must be faced with great humbleness and awareness of my own frailty. Above all, I must not play at God.

I will remember that I do not treat a fever chart, a cancerous growth, but a sick human being, whose illness may affect the person's family and economic stability. My responsibility includes these related problems, if I am to care adequately for the sick.

I will prevent disease whenever I can, for prevention is preferable to cure.

I will remember that I remain a member of society, with special obligations to all my fellow human beings, those sound of mind and body as well as the infirm.

If I do not violate this oath, may I enjoy life and art, respected while I live and remembered with affection thereafter. May I always act so as to preserve the finest traditions of my calling and may I long experience the joy of healing those who seek my help.



HIPPOCRATIC OATH



Summary

- Respect your teachers
- Pledge your life to the service of others
- Place your patients interest before your own
- Protect your patients from harm and injustice
- Treat all patients equally
- Respect patient's right to make decisions
- Continue to improve the care you give
- Do not become intimate with patients
- Try to prevent as well as cure disease
- Protect your patients' confidentiality
- Impart your medical knowledge to others





MEDICAL KNOWLEDGE



- * Natural history of diseases of surgical importance.
- * Indications for surgery and its limitations in disease management and role of non-operative therapy.



INTERPERSONAL AND COMMUNICATION SKILLS



- * Effective communication with patients, families and health care team members



SCIENTIFIC FOUNDATION OF SURGERY



- * Knowledge of current scientific foundation (both basic and behavioural sciences) in relation to surgical diseases and development of a patient management plan.



BASIC CLINICAL SKILLS



- * Develop skills in obtaining a good history and performing a comprehensive physical examination.
- * Develop skills in the selection, performance and interpretation of appropriate clinical procedures, imaging studies and laboratory tests.
- * Develop skills in giving an oral case presentation



PATIENT CARE



- * Develop skills in making an accurate diagnosis and a management plan that incorporates disease prevention.



COMMUNITY HEALTH



- * Knowledge of social and community aspects of health care in Kenya.



PROFESSIONALISM



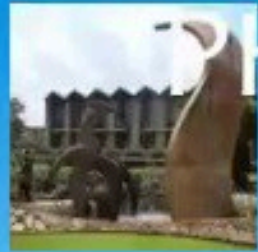
- * Aim to act with honour and integrity in professional and personal life.
- * Demonstrate caring and compassion for patients and for members of the health care team.
- * Respect patient's rights and wishes.
- * Act in respectful manner toward faculty, colleagues and staff.
- * Provide good leadership in interactions with, and development of, others.



LIFELONG LEARNING COVID-19 PREVENTIVE MEASURES



- * Demonstrate skills of self-education and lifelong learning.
- * DO NOT TAKE RISKS.



PHYSICAL EXAMINATION SKILLS



- * 1. GOAL: The broad goal of the teaching of undergraduate students in Surgery is to produce graduates capable of delivering efficient first contact surgical care.
- * OBJECTIVES:
 - Knowledge.
 - Skills.
 - Integration.
 - Theory

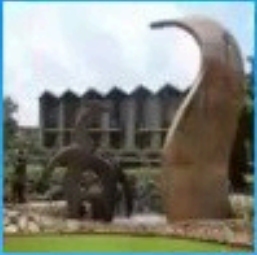


KNOWLEDGE



At the end of the course the student shall be able to

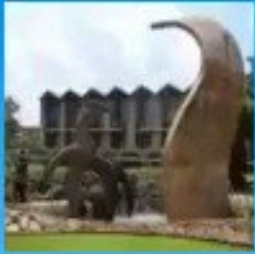
- * describe aetiology, pathophysiology, principles of diagnosis and management of common surgical problems including emergencies in adults and children.
- * define indications and methods for fluid and electrolyte replacement therapy including blood transfusion;
- * define asepsis, disinfection and sterilization and recommend judicious use of antibiotics;
- * describe common malignancies in the country and their management including prevention;
- * enumerate different types of anaesthetic agent, their indications, mode of administration, contraindications and side effects.



SKILLS



- * common surgical conditions both acute and chronic
- * plan various laboratory tests for surgical conditions and interpret the results;
- * identify and manage patients of haemorrhagic, septicæmic and other types of shock;
- * be able to maintain patient air-way and resuscitate; a critically ill patient and patient with cardiorespiratory failure
- * monitor patients of head, chest, spinal and abdominal injuries, both in adults and children;



SKILLS 2



- * provide primary care for a patient of burns;
- * acquire principles of operative surgery, including pre-operative, operative and postoperative care and monitoring.
- * treat open wounds including preventive measures against tetanus and gas gangrene;
- * diagnose neonatal and paediatric surgical emergencies and provide sound primary care before referring the patient to secondary/tertiary centres;
- * identify congenital anomalies and refer them for appropriate management.



SKILLS 3



- * Incision and drainage of abscess
- * Debridement and suturing open wound;
- * Venesection.
- * Excision of simple cyst and tumours;
- * Biopsy of surface malignancy
- * Catheterisation and nasogastric intubation;
- * Circumcision
- * Meatotomy;
- * Vasectomy;
- * Peritoneal and pleural aspirations;
- * Diagnostic Proctoscopy;
- * Hydrocele operations
- * Endotracheal intubation;
- * Tracheostomy and cricothyroidotomy;
- * Chest tube insertion.



THEORY



- * Scientific principles of surgery
- * Systems. Integrated Teaching.



**THE PRESENT: KENYATTA NATIONAL
HOSPITAL. THANK YOU.**

