



Velammal
Medical College Hospital & Research Institute

Velammal Village, Anuppanadi, Madurai -09

MBBS Revised Curriculum
Phase – III (part I) 2021
General Surgery

ANNUAL TIMETABLE (Phase III part I- scheme of work 12 months ie 52 weeks and 1 day = 52 weeks October2021 to Sep 2022)
DEPARTMENT OF GENERAL SURGERY

| MODULE No | NAME OF THE MODULE | WEEK | MONTHS |
|------------------|--|-------------|---------------|
| | HIV and surgeon / Universal precautions | 1. | Sep-Oct 21 |
| | Leprosy, TB cervical adenitis, Filariasis, Mycetoma – Etiology, clinical features, management | 2. | Oct |
| SU 26 | Surgery in management of coronary artery disease | 3. | Oct |
| | Surgery in management of valvular heart disease & Congenital heart disease, Clinical features and management of mediastinal diseases | 4. | Oct |
| | Clinical features and management of lung tumours | 5. | Oct |
| SU 7 | Planning and conduct of surgical audit, Principle and steps of clinical research in general surgery | 6. | Nov |
| SU 8 | Principles of ethics as it pertains to general surgery | 7. | Nov |
| | Professionalism and empathy to the patient undergoing general surgery, Medico legal issues in surgical practice | 8. | Nov |
| SU 9 | Appropriate biochemical, Microbiological, Pathological investigations for surgical patients | 9. | Nov |
| | Imaging Studies for surgical patients. Hazards of imaging studies, Role of imaging in major trauma | 10. | Nov-Dec |
| | Imaging studies in common surgical scenarios and in oncology | 11. | Dec |
| | Formative assessment | 12. | Dec |
| | Winter Vacation | 13. | Dec |
| | Winter Vacation | 14. | Dec– Jan 22 |
| | Upper & Lower GI endoscopy – Diagnostic & therapeutic application. Complications of Endoscopy | 15. | Jan |
| | ERCP & Endoscopic ultrasound – Diagnostic and therapeutic application, Recent advances in endoscopy – Cromoendoscop, NBI, capsule endoscopy | 16. | Jan |
| | Tissue diagnosis- Frozen section, Principles of microscopic tissue diagnosis, Immunohistochemistry | 17. | Jan |
| SU 10 | Pre operative preparation / Specific pre operative problem and its management, Care in operation theatre,. Perioperative management of high risk surgical patients | 18. | Jan |
| | Post operative complications and management | 19. | Jan -Feb |
| | Internal assessment Exam I - Forensic med, Com med, ENT, Opthal | 20. | Feb |
| SU 11 | Principles of pre operative assessment | 21. | Feb |
| | Principles of General, Regional and local anaesthesia, Post operative pain relief and management of chronic pain | 22. | Feb |
| SU 9 | Biological basis of early detection of cancer. Multidisciplinary approach in cancer management | 23. | Feb- Mar |

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| SU 11 | Indications and principles of day care surgery , Principles of safe general surgery | 24. | Mar |
| SU 4 | Document history in a case of burns. Physical examination of burns patient. Describe pathophysiology of burns | 25. | Mar |
| | Clinical features , Types and extend of burns. Management of burns, Medico legal aspects of burns injuries | 26. | Mar |
| | Indications, Different surgical methods and complications of bariatric surgery | 27. | Mar-Apr |
| SU 12 | Causes and consequences of malnutrition in surgical patients, Methods of estimation and replacements of fluid & electrolyte replacement in surgical patients | 28. | Apr |
| | Internal assessment Exam I - Gen Med & Allied Subjects, Gen Surg & allied Subjects, OBG, Pediatrics | 29. | Apr |
| | Nutritional requirements in surgical patients | 30. | Apr |
| | Methods of providing nutritional supports including Parenteral nutrition and its complications, Surgery for burns injuries. Management of post burns contractures | 31. | Apr |
| | Formative Assessment | 32. | May |
| SU 16 | Indications , advantages and disadvantages of minimally invasive surgery, Robotic surgery | 33. | May |
| | Summer vacation | 34. | May |
| | Summer vacation | 35. | May |
| | Summer vacation | 36. | May-Jun |
| SU 14 | Aseptic techniques, sterilization and Disinfection | 37. | Jun |
| | Surgical approaches, Incisions and use of appropriate instruments in general surgery, Materials and methods used in surgical wound closure and anastomosis (Sutures, knots and blades, needles) | 38. | Jun |
| SU 15 | Classification of hospital waste and appropriate methods of disposal | 39. | Jun |
| | Formative assessment | 40. | Jun-Jul |
| SU 17 | Principles of first AID / Assessment and management of trauma / Advance trauma life support | 41. | Jul |
| | Internal assessment Exam II - Gen Med & Allied Subjects, Gen Surg & allied Subjects, OBG, Pediatrics | 42. | Jul |
| | Management of mass casualties / Triage Pathophysiology, mechanism of head injury. | 43. | Jul |
| | Clinical features , neurological assessment and GCS in head injuries, investigations and management of head injuries | 44. | Jul |
| | Clinical features, investigations and management of soft tissue injuries, Pathophysiology of chest injuries | 45. | Jul-Aug |
| | Clinical features and management of chest injuries, Clinical features, classification and management of facio maxillary injuries | 46. | Aug |
| | Clinical features, investigations and management of abdominal injuries, Abdominal compartment syndrome / Damage control surgery | 47. | Aug |

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| | Formative assessment | 48. | Aug |
| | Formative assessment | 49. | Aug-Sep |
| | IAE II / Model examination - Gen Med, Com med , ENT, Opthal | 50. | Sep |
| | IAE II / Model examination - Gen Med, Com med , ENT, Opthal | 51. | Sep |
| | | 52. | Sep |
| | | 53. | Sep- Oct |