

# St. John's Alumni Skills Lab & Simulation Centre

## SKILLS THAT CAN BE PRACTISED IN THE SIMULATION CENTRE BY MBBS STUDENTS

### General surgery

- To appropriately dress injuries and burns.
- To incise and drain an abscess.
- To administer an accurate dose or an appropriate local injectable anaesthetic medication.
- To clean and suture superficial skin wounds.
- To excise small superficial cysts and nodules.
- To insert an intercostal drainage tube.
- To insert an intercostal needle.
- To perform a per rectal examination.
- To remove an ingrowing toenail.
- To perform a breast examination.
- To administer an enema.

### General medicine

- To record an ECG of an adult.
- To perform a pleural tap in an adult.
- To perform a lumbar puncture in an adult.
- To access a vein for IV administration of medications/fluids in an adult.
- To administer Injections (subcutaneous, Intramuscular, intradermal, intravenous) in an adult.
- To deliver CPR for an unresponsive adult by BLS norms.
- To deliver CPR for an unresponsive adult by ACLS norms.
- To set up and initiate an intravenous infusion in an adult.
- To perform urinary catheterization in an adult.
- To identify various abnormal breath sounds on auscultation.
- To identify various abnormal heart sounds on auscultation.
- To perform an arterial puncture using the radial artery in an adult.
- To introduce a central venous catheter in an adult.

### Obstetrics and Gynaecology

- To perform a per-vaginal speculum examination.
- To perform a per-vaginal palpation examination.
- To conduct a normal delivery.
- To perform an episiotomy.

### Paediatrics

- To access a vein for IV administration of medications/fluids.
- To deliver CPR for a child.
- To deliver CPR for a neonate as per NRP norms.
- To provide adequate care for a low birth weight neonate.

### Anaesthesia

- To deliver spinal anaesthesia in an adult.
- To ventilate and intubate an adult

### Dermatology

- To perform a skin biopsy

### Ophthalmology

- To perform a fundus examination using an ophthalmoscope.

### ENT

- To examine the ear using an otoscope.