

Clinical Skills and Simulation Training modules

L1	Basic skills	
	1. Measuring blood pressure	4. Measuring body temperature
	2. Measuring radial pulse	5. Measuring Oxygen saturation (Pulse Oximetry)
	3. Measuring respiratory rate	6-Basic life support
L2	3. Applied procedural skills	
	1. Measuring blood glucose	4. Subcutaneous and intramuscular injection
	2. How to collect a mid – stream urine specimen	5. Hand washing Procedure
	3. Urinalysis	6. Use of personal protective equipment (gloves, gowns, masks)
L3	Applied procedural skills	
	1. Venipuncture	5. Performing a 12 – lead ECG
	2. Administering a blood transfusion	6. Height, weight, BMI. BSA
	3. Setting up an infusion, fluid chart	7. IV injection
	4. Establishing peripheral intravenous access	8. Hand scrubbing, surgical ward precautions
L4	Applied procedural skills	
	1. Wound care and basic wound dressing	5. Obtaining blood cultures
	2. Use of local anesthetics	6. Medications Prescription
	3. Skin suturing	7. Oxygen therapy
	4. Safe disposal of clinical waste, needles, and other sharps	8. Correct technique for “moving and handling”, patients transfer

L5	Applied procedural skills	
	1. Male and female urethral catheterization	6. Lumber puncture
	2. Swabs: nose, throat and skin swabs	7- Use of a nebulizer, inhaler correctly
	3. Insulin administration	8- basic respiratory function test (PEFR)
	4. Arterial blood gas sampling and interpretation of the result	9. cardiac monitoring and ECG interpretation
	5. Procedural notes and documentation, informed consent, death certificate	10. Standard Precautions and Infectious Exposure Management

L6	Applied advanced practical skills:	
	1. Neonatal Resuscitation in delivery room	17. Joint aspiration
	2. Endotracheal intubation	18. How to read CXR, ultrasound and echocardiogram report.
	3. Casting and splinting, and Fracture reduction	19. Chest tube placement
	4. Detecting Occult blood in stool, DRE, Pelvic exam	20. Thoracentesis, pericardiocentesis
	5. Paracentesis	21. Child Development and growth chart
	6. Gastric lavage	22. Drain removal
	7. Primary forensic report	23. pleurocentesis
	8. Portogram	24. communication skills.
	9. Fracture reduction	25. Commonly used formulas, calculations
	10. Hearing tests, Auriscope	26. Establishing central intravenous access
	11. Ophthalmoscope	27. Tracheostomy
	12. ACLS	28. Study and teaching skills
	13. ATLS	29. basic research skills
	14. Sigmoidoscopy	30. AI & informatics
	15. Nasogastric tube Placement	31. Medical ethics and professionalism
	16. Disaster management	32. common clinical skills