

## LIST OF CLINICAL SKILLS TRAINING MODELS

### **General Medicine:**

1. Venipuncture
2. Intramuscular injection
3. Intradermal injection
4. Subcutaneous injection
5. Intra Venous (IV) injection
6. Setting up IV infusion and calculating drip rate
7. Blood transfusion
8. Urinary catheterization
9. Basic life support
10. Oxygen therapy
11. Aerosol therapy / nebulization
12. Ryle's tube insertion
13. Lumbar puncture
14. Pleural and ascitic aspiration
15. Cardiac resuscitation
16. Peripheral blood smear interpretation
17. Bedside urine analysis

### **General Surgery:**

1. Basic suturing
2. Basic wound care
3. Basic bandaging
4. Incision and drainage of superficial abscess
5. Early management of trauma and
6. trauma life support

### **Orthopedics:**

1. Application of basic splints and slings

2. Basic fracture and dislocation management
3. Compression bandage

#### **Obstetrics & Gynecology:**

1. Per Speculum (PS) and Per Vaginal (PV) examination
2. Visual Inspection of Cervix with Acetic Acid (VIA)
3. Pap Smear sample collection & interpretation
4. Intra- Uterine Contraceptive Device (IUCD) insertion & removal
5. Obstetric examination
6. Episiotomy
7. Normal labor and delivery (including partogram)

#### **Pediatrics:**

1. Neonatal resuscitation
2. Setting up Pediatric IV infusion and calculating drip rate
3. Setting up Pediatric Intraosseous line

#### **Skill Lab Pediatrics -**

1. Intravenous Cannulation
2. Nasogastric tube instillation
3. Intramuscular/subcutaneous/intradermal injection
4. Neonatal resuscitation
5. BLS
6. ECG/ x-ray chest interpretation

#### **Surgery Skill lab**

1. Open Suturing trainer sets
2. Endoscopic Trainer sets with haptic practice trainers
3. IV access manikin for CVP training
4. Laparoscopic mentor (on call basis) in collaboration with Ethicon USA
5. Tissue stapling training sets.

## QMH SKILL LAB

### List of Models

ALMIRAH 4 <sup>th</sup>			
Rack 1	Mama U	1	Donated by IHAT
	Sister U	1	
	Mama Natalie + Neo Natalie + Kit	1	
Rack 2	NASG Garment (Blue Colour)	1	
	Kiwi Ventouse	1	
	Fetal Doppler	1	
Rack 3	Gowmarcl Birthi Model	1	
	– Dummy		
	– Uterus		
	– Placenta		
	– Baby		
	– Handle		
Rack 4	Pelvis with Dummy	1	
Rack 5	IUCD insertion Model (white)	2	

	Cesarean Section Model		
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### List of Models

ALMIRAH 6 <sup>th</sup>			
Rack 1	Cervical Dilatation Assessment Models (6 Pc in each white suitcase)	2	Total 4
	Cervical Dilatation Training Board (Health Edco make)	2	
	Ambu Bag for New born CPR manikin	2	
	Ambu Bag for Adult manikin	2	
Rack 2	Child Birth Simulators Models with flexible Baby	2	Total 5
	Child Birth Simulators Models with non flexible Baby	3	
Rack 3	Neonatal Model for CPR	3	
	Fetus with placenta for Vaccum Delivery	2	
	Uterus (Gynae)	8	
Rack 4	Adult CPR Model (Blue Suitcase)	1	
	Uterus (Postpartum)	8	
	Cervix	25	
	Placenta	3	
Rack 5	Child Birth Simulators Models with Maternal Abdomen	2	



### List of Models

ALMIRAH 5 <sup>th</sup>			
Rack 1	Zoe Model for PPIUCD	2	Donated by JHPIEGO
Rack 2	Intubation Torso with bag	1	
Rack 3	Intubation Torso with bag	1	
Rack 4	Adult CPR Torso with Light Controller	1	
Rack 5	Adult CPR Torso with Light Controller	1	

### Forensic Medicine:

1. Documentation and certification of trauma
2. Diagnosis and certification of death
3. Legal documentation related to emergency cases
4. Certification of medical-legal cases e.g. Age estimation, sexual assault etc.
5. Establishing communication in medico-legal cases with police, public health authorities, other concerned departments, etc.

### Otorhinolaryngology:

1. Anterior nasal packing
2. Otoscopy

### Ophthalmology:

1. Visual acuity testing
2. Digital tonometry
3. Indirect ophthalmoscopy
4. Epilation
5. Eye irrigation
6. Instillation of eye medication (I) □ Ocular bandaging (I)

### Dermatology:

1. Slit skin smear for leprosy
2. Skin biopsy

  
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3. Gram's stained smear interpretation
4. KOH examination of scrapings for fungus
5. Dark ground illumination
6. Tissue smear
7. Cautery Chemical
8. Independently performed on patients,
9. Observed in patients or on simulations, and electrical

**Conservative Dentistry Department:**

1. JOT Lab
2. Typodont models

**Prosthodontics Department:**

1. Pre- Clinical Prothodontics Lab
2. Ceramic Lab
3. Casting Lab
4. Typodont models

**Orthodontics Department:**

1. Extension screw model
2. Habit breaking appliance models
3. Canine Retractor models
4. Clinical miniscrew implants
5. Arch wire, loops and soldering exercise models

**Radiotherapy:**

1. Academic seminars
2. Internal assessment
3. Workshops
4. CME

**Anatomy Department:**

1. DISSECTION HALL
2. CADAVERIC SKILL LAB
3. USG LAB

  
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4. CYTOGENETICS LAB
5. HISTOLOGY LAB

**Ophthalmology:**

Skill enhancement lab for postgraduate students

**Nursing:**

1. Pelvis Model
2. Foetal Skull Model
3. Catheterization Model



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