

PHYSIOTHERAPY NEUROLOGY, CARDIOPULMONARY, MEDICAL /SURGICAL, AND PEDIATRICS LAB (W12- 209)

INTRODUCTION

- This laboratory is specialized in teaching several physiotherapy courses that include: Therapeutic Exercises, Physiotherapy in Cardiovascular, Respiratory, Neurological, Pediatric, Medical /Surgical ,Obstetrics & Gynecological conditions. It contains all the required equipment for assessment and treatment of these conditions.
- This laboratory, unlike the other physiotherapy laboratories, contains certain distinct facilities. It is connected to a washroom, and is attached to a storage room, that contains the equipment needed for these specializations. The storage area is provided with an extra number of equipment in case a large students number.
- Laboratory equipment and resources include mats, beds, movable tables, models, charts, Obstetrics & Gynecology treatment tools, manikins, simulating pediatric dolls, ICU, cardiovascular rehabilitation(Spirometers ,Nebulizers, Suction....etc), and pediatrics treatment equipment (balls, wedges, rolls, ..etc.).

Equipment and Instruments

- Different Types of Beds (Tilting Table, Adjustable Hospital Beds, Manual Therapy Beds)
- ICU Equipment (eg. Adult and Pediatric Simulated manikins for Suctioning, CPR, and other ICU Tools)
- Cardiovascular and Pulmonary Teaching Equipments (e.g. Manikin for Breathing and Heart Sounds, Rehabilitation Equipments, Pulmonary Functional Test, Pulsoximeter, Neonatal Precursors, Respiratory Exercisers, Lymphedema Drainage machine, ABI Doppler Flow Meter)
- Neurological Assessment and Treatment Equipments (Motor Functional Testing tools, Occupational Therapy Tools,, Mats, and Balance Board)
- Pediatrics Corner for assessment and treatment tools (Corner Chair, Balls, Wedges, Rolls, Balance Playing Board, Rockers)
- Obstetrics and Gynecology Models, Fetus Development models, Exercise Tools and Charts (Pelvic floor exercise tools, etc.)
- Rehabilitation Equipments (Finger Ladder, Shoulder Wheel, Pulleys, Suspension Cage, Different Types of Balance Boards, Multi-Purpose Cart with Weights and Audiovisual Materials for Teaching)
- Fully Equipped with Audiovisual Tools Used in Learning Process as Computer, Printer, LCD, Slide Projector, and Movable White Boards

EXPERIMENTS

- This lab is used for teaching the assessment and treatment techniques for certain courses as mentioned above.