

Policy Section: Pharmacy Integrated Lab Sequences

Issued by:
Date:

Policy Number and Title: 5. Checking-out Portable Laboratory
Instruments/Appliances and Diagnostic Tools.

Approved by:
Date:

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I. Policy

The following list of diagnostic tools and accessories are available for teaching students in the practice lab. Some of these items/appliances are portable and may be used in the classroom setting for demonstration purposes. Because of the limited number of these available resources and their cost, these items are not kept in the practice laboratory on a daily basis. Whenever these items are needed, for teaching purposes, they are to be checked out by faculty and returned within a reasonable time period following their use.

II. PURPOSE

This policy was developed to provide ULM School of Pharmacy faculty with the proper procedures for checking-out diagnostic tools and appliances available for teaching and use in the pharmacy practice labs or throughout the college of pharmacy.

III. Procedure

The procedures for checking out diagnostic tools and accessories for teaching use are:

1. Notify a care lab faculty member at least a week in advance of your needing the item(s)/appliance(s) for teaching use.
2. The care lab faculty member will let you know when the item(s)/appliance(s) is/are available and can be picked-up or delivered to your teaching destination (Monroe campus only).
3. Sign checkout list for the item(s)/appliance(s); the checkout list will be provided by the care lab faculty member.
4. Loaned items must be returned to a care lab faculty member within a week after your class period has ended. The original checkout form must be signed again to verify that the loaned item(s) were checked back in.

Diagnostic Equipment Available for Lab Training

Name	Description	Accessories Needed
Futrex 5500 A/WL	Measures percent body fat, total body fat (lbs or kg), total lean mass, basal metabolic rate, total body water, and body mass index	*Printer paper
LifeDop ABI Vascular System (Peripheral Artery Disease)	Portable bi-directional Doppler with compact printer for the diagnosis of Peripheral Arterial Disease (P.A.D.)	*Printer paper
CoaguChek XS (INR)	Measures within one minute PT/INR results from a single drop of capillary blood from the fingertip,	*Test Strips
DCA Vantage Analyzer (HA1c)	A point-of-care diabetes management platform that performs both hemoglobin A1c and microalbumin / creatinine tests in minutes.	*Printer Paper *Reagent Kits *AIC Controls
Micro CO Meter (Carbon Monoxide Meter)	Measures the concentration of carbon monoxide, CO, on the breath and calculates the percentage of carboxyhaemoglobin, % COHb, in the blood.	*Disposable Mouthpieces
Spirolab III Spirometer (Lung volume)	Spirometer ideal for accurate and early diagnosis of respiratory diseases (like COPD and Asthma).	*Printer paper *Filtered Mouthpieces
Achilles Express (Bone Densitometer)	Bone ultrasonometer used for evaluating risk of osteoporotic fracture.	*Printer paper *Isopropyl 70% Alcohol
LDX Analyzer (Lipid Testing)	Measures a patient's lipid profile (total cholesterol, HDL, LDL, triglycerides) in 5 minutes	*Printer paper *Cartridges
SimMan	Patient simulator with realistic anatomy and clinical functionality. Used for simulation-based education to challenge and test clinical and decision making skills	
Pharmacy Rx software	Software used to fill patient prescriptions	
Alaris Smart Pump (IV pump)	Infusion pump use for delivery of fluids, medication, blood, and blood products	
Mirixa MTM Documentation Software	Enables the health care community to deliver patient care services through retail pharmacy.	
Blood Pressure Cuffs		