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APPLICABLE LABORATORY(S):

- North Carolina Baptist Hospital (NCBH)
- Lexington Medical Center (LMC)
- Davie Medical Center (DMC)
- Wilkes Medical Center (WMC)
- High Point Medical Center (HPMC)
- Westchester
- Clemmons

PROCEDURE STATEMENT

This procedure provides laboratory personnel with guidelines for working in the biosafety cabinet.

SCOPE

- i. Procedure Owner/Implementer: Central Processing Lab
- ii. Procedure Prepared by: Central Processing Management
- iii. Who Performs Procedure: Central Processing Team Members

DEFINITIONS

- A. Procedure: A process or method for accomplishing a specific task or objective.
- B. WFBH Lab System: Wake Forest Baptist Lab System is a health system that includes Wake Forest Baptist Medical Center and all affiliated organizations including Wake Forest University Health Sciences (WFUHS), North Carolina Baptist Hospital (NCBH), Lexington Medical Center (LMC), Davie Medical Center (DMC), Wilkes Medical Center (WMC), High Point Medical Center (HPMC), Lab at Westchester and Lab at Clemmons.

POLICY GUIDELINES

A. Procedure

Note: Appropriate personal protective equipment (PPE) must be worn when working in the biosafety cabinet.

1. Ensure the UV light is off. Slowly raise the sash until the bottom of the sash aligns with the sash indicator decal located on the left side of the work area.
 - a. The light and blower should turn on automatically when the sash is raised.
2. Ensure air grilles are not obstructed.
 - a. Wait for startup to complete if unit has been shut down.
 - i. "Please wait!" will appear on LCD screen during start up.
3. Place samples into the biosafety cabinet.
4. Aliquot/process samples, using aseptic technique, as far to the rear of the work area as possible, but at least 4 inches from the sash.
5. Dispose of contaminated supplies in the Discard bin inside of the cabinet.
 - a. Discard bin will be changed as needed, by placing the cover on the bin and discarding the closed bin in the biohazard sample waste.
6. Upon completion of work, allow the cabinet to remain on for 2-3 minutes undisturbed, to purge airborne contaminants, and wipe down any visible spills.
 - a. If a spill or splatter occurs during use, disinfect all objects in the cabinet with disinfectant spray before removal.
 - b. Disinfect the inside of the cabinet while it is in operation to prevent the release of contaminants.

REFERENCES

Labconco Purifier® Logic+ Biological Safety Cabinet User's Manual, Part #3848310 Rev. E

RELATED PROCEDURES/POLICIES

None

ATTACHMENTS/LINKED DOCUMENTS

None

REVISION DATES: REVIEW CHANGE SUMMARY AS REPRESENTED IN TITLE 21.