

TRAINING UPDATE

Lab Location: SGAH & WAH

Department: Micro

Assigned to specific staff who review Micro QC

Date Distributed: 6/3/2013

Due Date: 6/30/2013

Implementation: 7/1/2013

DESCRIPTION OF PROCEDURE REVISION

Name of procedure:
Measurement of Blood Culture Volume SGAH.M40, WAH.M73 v000 Blood Culture Volume Monitor AG.F28.001
Description of change(s):
<p>New SOP to describe the monitoring of blood culture volumes and address corrective action for failures.</p> <p>Note the change from current process for weekly review of the monitor log. This will become the responsibility of Field Ops supervisor or group lead to perform. This will enable effective follow up on phlebotomist collection failures.</p> <p>Monthly review will continue to be performed by either Core Lab Supervisor or Micro Manager.</p> <p>The form has been revised to add weekly / monthly review boxes.</p> <p>This SOP and revised form will be implemented on July 1, 2013</p>

Document your compliance with this training update by taking the quiz in the MTS system.

Approved draft for training all sites (version 000)

Non-Technical SOP

Title	Measurement of Blood Culture Volume	
Prepared by	Ron Master	Date: 4/26/2013
Owner	Ron Master	Date: 4/26/2013

Laboratory Approval		
Print Name and Title	Signature	Date
<i>Refer to the electronic signature page for approval and approval dates.</i>		
Local Issue Date:		Local Effective Date:

Review:		
Print Name	Signature	Date

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1. PURPOSE

Larger volumes of blood increase the yield of true positive cultures. The laboratory monitors collected blood volumes.

2. SCOPE

This procedure covers the monitoring of blood culture volumes. It does not include performance of blood cultures.

3. RESPONSIBILITY

It is the responsibility of technical laboratory personnel who work in microbiology to learn and understand the process described in this procedure.

4. DEFINITIONS

ED - Emergency Department

5. PROCEDURE

1. The standard used for measurement is an empty BACTEC bottle filled with 8 mL of stain such as safrannin or carbol fuchsin.
2. Select 2 bottles from 2 different patients each day. Do not use pediatric bottles.
SGAH only: select 1 bottle collected by ED staff and 1 collected by a laboratory phlebotomist.

Form revised 3/31/00

3. Compare the volume in each of the bottles to be measured to the standard.
4. Record the following information on the Blood Culture Volume Monitor form:
 - a. Number checked, number acceptable, and number unacceptable
 - b. For each unacceptable bottle, record the accession number and collector.
 - c. Record the initials of the person performing the evaluation.
5. At the end of the month, calculate the total number checked, number acceptable, and number unacceptable. Calculate the % acceptable.
6. If the percent acceptable for a month is less than 85%, make a copy of the monitor form for the Field Operations Manager or Supervisor.
7. The monitor form is reviewed weekly by the Field Operations Manager, Supervisor or Phlebotomy Group Lead. Monthly review is performed by the Microbiology Manager or Core Laboratory Supervisor.
8. Communication of findings and Corrective Action
 - a. Results are graphed monthly
 - b. Data is distributed to Field Operations Manager and Supervisor for posting
 - c. Data is presented at Lab / ED meetings and documented in minutes
 - d. Follow up with individual staff is performed by the appropriate supervisor

6. RELATED DOCUMENTS

Blood Cultures, with Automated Detection, Microbiology procedure

7. REFERENCES

None

8. REVISION HISTORY

Version	Date	Reason for Revision	Revised By	Approved By

9. ADDENDA AND APPENDICES

Blood Culture Volume Monitor form (see Attachment Tab of Infocard)



Blood Culture Volume Monitor

- Germantown Emergency Center
- Shady Grove Adventist Hospital
- Washington Adventist Hospital

Month / Year _____

To be done daily: Two blood culture bottles (one aerobic from one patient and one anaerobic from a different patient) will be monitored daily. Randomly choose two patient blood culture bottles to compare to standard bottle containing 8 mL. Acceptable range: > 85% should contain at least 8 mL of blood. Notify **Field Operations Manager or Supervisor** if acceptable range is not met.

Date	Number evaluated	Number acceptable	Number unacceptable	Accession number if unacceptable	Drawn by	Initials
1						
2						
3						
4						
5						
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11						
12						
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25						
26						
27						
28						
29						
30						
31						
Totals						
% Acceptable						

Weekly review:	Weekly review:	Weekly review:
Weekly review:	Weekly review:	Monthly review: