

TRAINING UPDATE

Lab Location: All Sites
Department: Blood Bank

Date Implemented: 5/22/24
Due Date: 6/30/24

DESCRIPTION OF PROCEDURE REVISION

Name of procedure:

Blood Bank Critical Values

Description of change(s):

We will be maintaining the way we currently report critical values. This includes using the name of the person to which we are reporting the critical value. At a minimum, the name will include the first initial and full last name. Full first name and full last name are also permitted.

Background:

AHC had asked us to report using the employee ID instead of the name. However, this decision was reconsidered and it was decided we should continue using the name as we always have.

AHC.BB58 Blood Bank Critical Values

Copy of version 6.0 (approved and current)

Last Approval or
Periodic Review Completed 5/18/2024

Uncontrolled Copy printed on 5/22/2024 8:03 AM

Next Periodic Review
Needed On or Before 5/18/2026

Printed By Stephanie Codina

Effective Date 5/18/2024

Organization Adventist HealthCare

Approval and Periodic Review Signatures

| Type | Description | Date | Version | Performed By | Notes |
|--|------------------------|------------|---------|---|--|
| Approval | Lab Director | 5/18/2024 | 6.0 |  Nicolas Cacciabeve | |
| Approval | BB approval | 5/17/2024 | 6.0 | Stephanie Codina | |
| Approval | Lab Director | 3/15/2024 | 5.0 |  Nicolas Cacciabeve | |
| Approval | BB approval | 3/15/2024 | 5.0 | Stephanie Codina | |
| Periodic review | Medical Director | 9/22/2023 | 4.0 |  Nicolas Cacciabeve | |
| Periodic review | BB | 9/21/2023 | 4.0 | Stephanie Codina | |
| Approval | Lab Director | 8/31/2021 | 4.0 | Nicolas Cacciabeve | |
| Approval | BB approval | 8/31/2021 | 4.0 | Stephanie Codina | |
| Approval | QA approval | 8/31/2021 | 4.0 | Leslie Barrett | |
| Periodic review | Medical Director | 4/13/2021 | 3.0 | Nicolas Cacciabeve | |
| Periodic review | BB | 4/13/2021 | 3.0 | Stephanie Codina | |
| Periodic review Captured outside MediaLab | Designated Reviewer | 1/3/2019 | 3.0 | Nicolas Cacciabeve | Recorded on 7/18/2019 by Leslie Barrett (104977) when document added to MediaLab |
| Approval Captured outside MediaLab | Lab Director | 11/30/2016 | 3.0 | Nicolas Cacciabeve | Recorded on 7/18/2019 by Leslie Barrett (104977) when document added to MediaLab |

Approvals and periodic reviews that occurred before this document was added to the MediaLab Document Control system may not be listed.

Prior History

Updated prefix 9/17/21

Version History

| Version | Status | Type | Date Added | Date Effective | Date Retired |
|---------|----------------------|-----------------------------------|------------|----------------|--------------|
| 6.0 | Approved and Current | Major revision | 5/17/2024 | 5/18/2024 | Indefinite |
| 5.0 | Retired | Major revision | 3/15/2024 | 4/2/2024 | 5/18/2024 |
| 4.0 | Retired | Major revision | 8/30/2021 | 9/17/2021 | 4/2/2024 |
| 3.0 | Retired | First version in Document Control | 7/18/2019 | 12/1/2016 | 9/17/2021 |

Adventist HealthCare
 Site: Shady Grove Medical Center, White Oak Medical Center,
 Fort Washington Medical Center

Title: Blood Bank Critical Values

Non-Technical SOP

| | | |
|--------------------|-----------------------------------|------------------|
| Title | Blood Bank Critical Values | |
| Prepared by | Stephanie Codina | Date: 11/30/2010 |
| Owner | Stephanie Codina | Date: 11/30/2010 |

| | | |
|--|------------------|-----------------------|
| 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: |

TABLE OF CONTENTS

1. PURPOSE.....1

2. SCOPE.....1

3. RESPONSIBILITY1

4. DEFINITIONS2

5. PROCEDURE.....2

6. RELATED DOCUMENTS3

7. REFERENCES3

8. REVISION HISTORY3

9. ADDENDA AND APPENDICES.....3

-
1. **PURPOSE**
 To define the process for identifying, communicating, and documenting critical values in the blood bank.

 2. **SCOPE**
 Blood bank staff members will call critical values to the charge nurse, nurse caring for the patient, or a physician based on the results of certain blood bank tests that are important for prompt patient management. Notification is expected to be completed within one hour.

 3. **RESPONSIBILITY**
 All blood bank staff members must understand and adhere to this procedure for identifying, communicating, and documenting critical values.

4. DEFINITIONS

Critical Value – potentially life threatening result for a specific laboratory test

5. PROCEDURE

| Step | Action |
|------|---|
| 1 | The following have been defined as critical values for blood bank: <ul style="list-style-type: none"> A. Blood products not available due to antibody problems or insufficient stock of compatible blood products. B. Positive antibody screen that will delay transfusion more than 2 hours from the time an antibody is detected (positive screen). C. Any suspected hemolytic transfusion reaction. D. A positive DAT (direct antiglobulin test) on a transfusion reaction investigation if pre-transfusion DAT was negative or a DAT demonstrating a stronger positive result than the pre-transfusion specimen. E. A positive DAT on a neonate. |
| 2 | When a critical value is noted, it will be called to the charge nurse, nurse caring for the patient, or a physician within 1 hour. |
| 3 | Ask the person receiving the critical value to read back the value to ensure accurate transfer of verbal information. |
| 4 | Document the name of the person called (first initial and last name at a minimum) and time of notification in the LIS. <ul style="list-style-type: none"> A. Access the patient and test for which the critical value was called in Sunquest function Blood Order Processing. B. At the “Add Spec Test” prompt, type “w” (shift + W) or “;BBCALL” and “Tab.” C. In the “Called to” area, type “;CBACK” and press the “Tab” key. D. On the next line, type “;” (two semicolons) and free text the following information: <ul style="list-style-type: none"> a. Critical value called b. Name of person called to c. Time called For example, “DAT called to J.Doe, RN at 1158.” E. Click the “Save” button. |
| 5 | All questionable orders, test results, or clinical situations should be brought to the Medical Director/On-call Pathologist’s attention for resolution. All interactions, advice and instructions from the Medical Director / On-call Pathologist must be documented on the “Pathologist Consultation Form” and in the Communication Log. |

Adventist HealthCare
 Site: Shady Grove Medical Center, White Oak Medical Center,
 Fort Washington Medical Center

Title: Blood Bank Critical Values

6. RELATED DOCUMENTS

SOP: Blood Bank Shift-to-Shift Communication Log

7. REFERENCES

N/A

8. REVISION HISTORY

| Version | Date | Reason for Revision | Revised By | Approved By |
|---------|----------|--|------------|-------------|
| | | Supersedes WAH-SGAH B617.000 | | |
| 000 | 12.17.12 | Section 5: Step 1: changed wording of critical value for positive antibody screen from delay in identification to delay in transfusion Step 4: updated LIS entry of comment from “w” comment to “q” comment so it shows on the medical record. | SCodina | NCacciabeve |
| 001 | 12.18.14 | Sections 1 & 3: updated for clarity Section 6: updated title Footer: version # leading zeros dropped due to new EDCS in use as of 10/7/13 | SCodina | NCacciabeve |
| 2 | 11.29.16 | Header: add WAH | LBarrett | NCacciabeve |
| 3 | 8.30.21 | Header: Changed WAH to WOMC, added FWMC Footer: Updated prefix to AHC | LBarrett | NCacciabeve |
| 4 | 3.15.24 | Added AHC Employee ID as acceptable documentation for critical value notification | SCodina | NCacciabeve |
| 5 | 5.17.24 | Removed AHC Employee ID as acceptable documentation for critical value notification | SCodina | NCacciabeve |

9. ADDENDA AND APPENDICES

N/A