

TRAINING UPDATE

Lab Location:
Department:

SGMC and WAH
Blood Bank

Date Implemented:
Due Date:

12.16.2019
12.31.2019

DESCRIPTION OF PROCEDURE REVISION

Name of procedure:
Directed and Autologous Blood Donation
Description of change(s):
Replaces previous autologous and directed blood donation procedures. We will NO LONGER obtain testing and consent patients for directed blood donation. All patients for both autologous and directed blood donation will use the ARC Special Collections form. The provider will complete the form and send the donor directly to ARC for collection.

SGMC.BB 7000 Directed and Autologous Blood Donation

Copy of version 1.0 (approved and current)

Last Approval or Periodic Review Completed 12/12/2019

Controlled Copy of a Manual ID 20681

Next Periodic Review Needed On or Before 12/12/2021

Location SGMC & WOMC BB vol 7

Effective Date 12/16/2019

Organization Adventist HealthCare

Approval and Periodic Review Signatures

Type	Description	Date	Version	Performed By	Notes
Approval	Lab Director	12/12/2019	1.0	Nicolas Cacciabeve	
Approval	BB approval	12/12/2019	1.0	Stephanie Codina	
Approval	QA approval	12/6/2019	1.0	Leslie Barrett	

Version History

Version	Status	Type	Date Added	Date Effective	Date Retired
1.0	Approved and Current	Initial version	12/6/2019	12/16/2019	Indefinite

Linked Documents

- AG.F.476 American Red Cross Special Collection Order Form

Non-Technical SOP

Title	Directed and Autologous Blood Donation	
Prepared by	Stephanie Codina	Date: 12/04/2019
Owner	Stephanie Codina	Date: 12/04/2019

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:	

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1. PURPOSE
 This procedure outlines the process that will be followed when a patient has requested autologous or directed blood donation.

2. SCOPE
 This procedure applies to any patient who has requested directed or autologous blood donation.

3. RESPONSIBILITY
 All blood bank staff members must understand the procedure that will be followed when a requested for autologous or directed donor blood products is made.

4. DEFINITIONS
Autologous blood product: A blood product that is donated by the recipient for his/her own use.

Directed blood product: A blood product that is donated for use by a specific recipient. The recipient should identify and approve directed blood donors in advance.

5. PROCEDURE

Step	Action
1	<p>Planning for autologous and directed blood donation should take place as early as possible to ensure adequate time for blood donation and testing. Blood products should be donated at least 7 days prior to the intended surgery/transfusion date.</p> <p>Please consider:</p> <ul style="list-style-type: none"> A. There is no evidence that patients can select safer donors than the volunteer blood system provides. B. All donated blood products are tested with the same tests for HIV and other infectious diseases, which further enhances the safety of the blood supply. C. Social pressure associated with directed donation may compromise the reliability of the donor's answer to health history questions. D. Some recipients have a reaction to blood donated by family members.
2	<p>The recipient should be registered and provided a medical record number prior to donation. This provides blood bank staff members a means to link the donor unit(s) to the recipient.</p>
3	<p>An authorized provider must provide a written request to have autologous and directed blood products collected. The American Red Cross uses the "Special Collection Order" form. The form can be obtained from blood bank or by calling 1-800-45-BLOOD.</p> <ul style="list-style-type: none"> A. Section A consists of patient demographic information, diagnosis/surgical procedure, date of need, and hospital information. B. Section B is used to designate the type of blood product (autologous or directed red blood cells) and the number of units requested. This section also allows the recipient to identify approved donors. If the donation is for a neonate, indicate the following collection criteria on the form. <ul style="list-style-type: none"> a. CMV-negative b. CPDA-1 or AS-3 anticoagulant/additive C. Section C consists of the pre-assessment information for autologous donors. D. Section D contains the ordering provider's information. E. Section E consists of a medical clearance for donation by the patient's primary physician or cardiologist, if applicable. <p>The completed order form is faxed to the American Red Cross using the number printed on the form. Units will not be collected until the form is received.</p>

Step	Action
4	Once the form is faxed, all prospective donors may contact the American Red Cross at 1-800-45-BLOOD to schedule a donation appointment. Donors must meet the donation criteria and time limits established by the blood supplier.
5	<p>The American Red Cross will ship the units to the hospital when all testing is complete. This generally takes 5-7 days.</p> <ul style="list-style-type: none"> A. Enter directed donor blood products into the computer per procedure, "Entering Blood Products Into Inventory." B. Assign directed donor and autologous blood products to the recipient. C. Request a T&S on the recipient if the recipient's T&S is not current. D. Process and crossmatch blood products per blood bank procedure. E. Irradiate directed donor cellular blood products collected from blood relatives before transfusion to decrease the risk of transfusion-associated graft-versus-host disease. F. Irradiate all blood products for neonates prior to transfusion.

6. RELATED DOCUMENTS

SOP: Entering Blood Products Into Inventory
Form: ARC Special Collection Order Form

7. REFERENCES

The American Red Cross webpage. <https://www.redcrossblood.org/donate/how-to-donate/types-of-blood-donations/autologous-and-directed-donations.html> accessed on 12/4/19.

8. REVISION HISTORY

Version	Date	Reason for Revision	Revised By	Approved By
		Supersedes SGAH.BB61.1, SGAH.BB68.2		

9. ADDENDA AND APPENDICES

None