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	Effective Date:	07-31-2022
	Document Type:	Standard Operating Procedure
	Page Number:	1 of 3
	Department/Section:	Blood Bank Section
	Document Title:	ROUTINE CROSSMATCHING

PURPOSE:

To provide guidelines on the routine cross-matching to ensure that is being done in a correct manner. Routine cross-matching determines the compatibility of donor's blood with the blood of an intended recipient, to help identify donor's (stored blood) ABO Type, to detect the presence of antibodies in the recipient against the red blood cells of the donor and to identify a mismatch of blood caused by minor antigens.

SCOPE:

Applies to all Blood Bank Section Staff of Laboratory Department of Dr. Pablo O. Torre Memorial Hospital (DPOTMH)

PERSON RESPONSIBLE:


Medical Technologist (Medical Laboratory Scientist), Nurses, Clerks

GENERAL GUIDELINES:


- 1 Proper patient identification shall be strictly observed (Cross reference with Policy on Two Person Identifier). Identify the patient by their complete name and birthdate. Tubes must be properly labeled with patient's complete name for it is crucial and needs emphasis in clinical settings.
- 2 Impervious gloves and proper protective equipment (PPE) / clothing shall be worn in adherence to Infection Control Protocol.
- 3 Specimens collected shall be considered as biohazard material.

PROCEDURE:


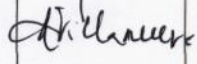


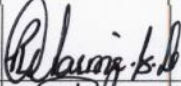
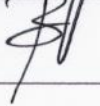
1. Hand washing should be done before and after the procedure.
2. Medical Technologist does cross-matching of all blood units (Whole blood and Packed Red Blood Cell) from the blood centers that are endorsed to the Blood Bank.


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3. Attending Physician orders Cross-matching request.
4. Nurse-on-duty encodes the request in the system.
5. Medical Technologist must see to it that the patient has blood typing result or record in our system. If there is none, patient is requested to have his/her blood typing done first.
6. All specimens shall be collected in a blood collecting tube (red and lavender top). A fresh blood sample should be taken. Collect specimen using standard operating procedures.


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APPROVAL:


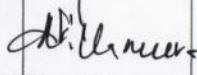




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Verified by:	MONICA B. VILLANUEVA, RN, RMT, PhD Laboratory Manager		7-7-2022
	MELANIE ROSE B. ZERRUDO, MD, FPSP Chair, Department of Pathology		7-7-2022
Reviewed by:	DENNIS C. ESCALONA, MN, FPSQua Quality Assurance Supervisor		7-7-2022
Recommending Approval by:	ROSARIO D. ABARING, MAN, PhD Ancillary Division Officer		07-07-2022
	FREDERIC IVAN L. TING, MD OIC - Total Quality Division		7-8-22
Approved by:	GENESIS GOLDI D. GOLINGAN President and CEO		

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KEY TASKS	PERSON RESPONSIBLE
1. Does cross-matching of all blood units (Whole blood and Packed Red Blood Cell) from the blood centers that are endorsed to the Blood Bank.	Medical Technologist
2. Orders Cross-matching request.	Attending Physician
3. Encodes the request in the system.	Nurse-on-duty
4. Checks if the patient has blood typing result or record in our system.	Medical Technologist
5. Collects specimen using standard operating procedures.	

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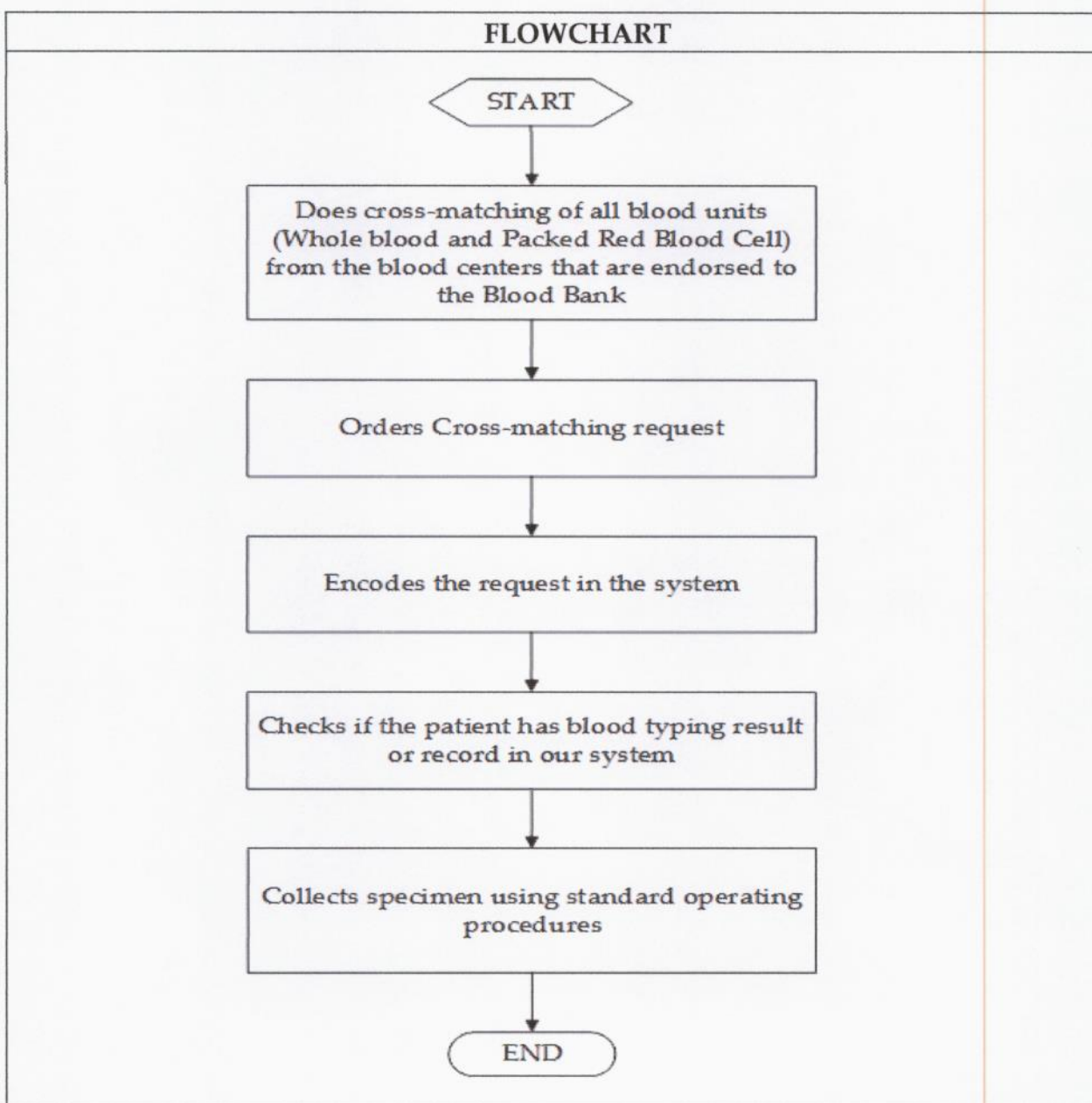



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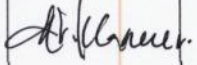


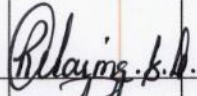

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FLOWCHART



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