LB.63.2 There is a consistency between patient's current and historical records (including group/type, antibody screening). Discrepancies are resolved before performing compatibility testing.

LB.63.3 When there is no history for the patient in the transfusion services records or computer system, two determinations of the patients ABO/RhD must be made on two specimens collected during the current admission.

LB.63.4 Pre-transfusion testing includes:

LB.63.4.1 Determination of the patient's forward ABO group (RBC grouping).

LB.63.4.2 Determination of the patient's reverse ABO group (Serum Grouping).

LB.63.4.3 Determination of the patient's Rh-D type.

LB.63.4.4 Detection and Identification (if applicable) of unexpected antibodies to red cell antigens.

LB.64 The transfusion services develop a system for the selection of blood/ blood product for transfusion.

LB.64.1 There are policies and procedures for the selection of blood/blood product for transfusion to ensure the following:

LB.64.1.1 The selected red blood cells component is ABO group-specific or ABO group-compatible with the recipient's plasma.

LB.64.1.2 Only Rh-D negative red blood cell components are transfused to Rh-D negative patients.

LB.64.1.3 Identification of the conditions for the release of Rh-D positive red blood cells components to Rh-D negative patients.

LB.64.1.4 If the patient has current or previous history of clinically significant antibodies in the patient serum, the selected red cells must lack the corresponding antigen(s).

LB.64.2 There are policies and procedures for the selection of plasma components for transfusion to ensure the following:

LB.64.2.1 The selected plasma component is ABO group-specific or ABO group-compatible with the recipient's RBC.

LB.64.2.2 Conditions for the release of ABO-incompatible plasma are identified.

LB.64.2.3 In the presence of clinically significant antibody in the donor's plasma, the recipient red cells must lack the corresponding antigen.

LB.64.2.4 If the plasma components are visually contaminated with red blood cells (more than 2 ml of RBC), RBC selection criteria apply.

LB.64.3 There are policies and procedures for the selection of blood/blood components for patients with special requirements that address the following:

LB.64.3.1 The use of leukocyte-reduced cellular blood components.

LB.64.3.2 The use of irradiated-cellular blood components.

LB.64.3.3 Transfusion of known hemoglobin-S patients.

LB.64.3.4 Massive transfusions.

LB.65 The transfusion services establish a process for compatibility testing.

LB.65.1 There is a process to ensure the detection of ABO incompatibility between the recipient's serum/ plasma and the donor's RBC.

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