

Blood Bank Competency 2023

Blood Bank Competency Quiz (50pts)

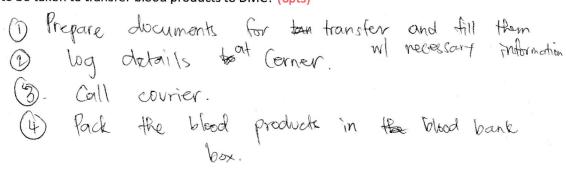
- 1) MomBaby calls an MTP on a 30/F (blood type B+), five minutes after you've dispensed two Xm'ed on hold RBC units. You have a current type&screen and the patient is computer crossmatch eligible. Write out step-by-step what you would do for the first round of the MTP. (15pts)
 - 1. Than 2 FFP units. B or AB type 2. Crossmatch another 4, B units PRRC
 - 3. Order 1 Plt conc. any type if there's no available on the shelf.
 4. Prepare documents and fill necessary information.

2) In what cases do we perform neonatal CordBlood (or heelstick) Testing? (3pts)

if it's hardstick

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3) What steps need to be taken to transfer blood products to DMC? (6pts)



4) What is the storage temperature range for the following? (6pts)

1. RBC: 2-6°C

2. FFP: =-18°C

3. Cryo: ∠ -18°C

4. Platelets: 20-24 °C

5. Thawed Plasma: 2-6 °C for Takes

6. Thawed Cryo: 2-60C for Cotors

5) What are all the elements needed to make a patient eligible for computer crossmatch? (6pts)

D Patient must have a confirmed blood type on current specimen

A second ABORh identification must be done

(3) Must be identified with PPID

(4) Must have no bistory of clinically significant antibodies.

(5) Must not be a neonatal patient (24 months old)

6) A patient's plasma is panreactive 1+/2+ on the Echo Screen and Panels. You perform Tube Testing. DAT, AC, and Antibody Screen are all negative. What antibody is this? What are the requirements needed for future crossmatching? (4pts)

1 Non-specific antibody

1 AHG Crossmatch



7) True/False (1pt ea)

1	All Rh negative patients should always receive Rh negative platelets.	True False
2	Thawed plasma expires on the 5^{th} day at 2359, regardless of when it was thawed on Day 0.	True False
3	ABORh Hx order can be added to patients who have a Previous History Found but the ABORh Type was not recorded in Cerner. This happens when ABORh type was transferred from a previous LIS.	True/ False
4	Anti-K only needs 2 heterozygous rule-outs during an Ab ID.	True (False)
5	The RBC TRX order can be placed by the CLS in Department Order Entry.	True (False)
6	Echo Weekly Maintenance is performed on Tuesday.	True False
7	The Rh system is the most immunogenic of the RBC antigen systems.	True / False
8	Current BBID bands can never be cut off and reattached to the patient.	True / False
9	ABORh discrepancies and Antibody Identification should always be resolved prior to resulting the blood type and issuing products for transfusion.	True False
10	A Fetal Blood Screen can be performed on antepartum or postpartum patients of any blood type, if requested by the doctor.	True False