

HLS-Physiology

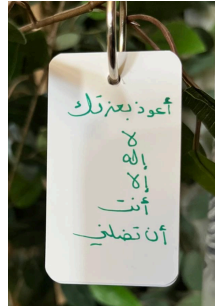
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Lecture4

Blood grouping

Edited by:
malak alqadi





1) Agglutinins of ABO system?

- a. Are monovalent.
- b. Can cross placental barrier.
- c. Belong to IgM type of immunoglobulins.
- d. Are present on RBCs.
- e. Are present on WBCs.

Answer:c

2)Which of the following is TRUE concerning Erythroblastosis fetalis (hemolytic disease of the newborn)?

- a. it occurs when a Rh+ mother has an Rh- child.
- b. it is prevented by giving the mother a blood transfusion.
- c. A complete blood transfusion after the first birth will prevent HDN.
- d. The father of the child has to be Rh+.
- e. This occurs when a Rh+ mother has an Rh+ child

Answer:d

3)A pregnant woman comes in for a visit. She is AB Rh- and her husband is A Rh+. This is her first child. What should be done at this time?

- a. Nothing.
- b. Administer anti-D immunoglobulin to the mother at this time.
- c. Administer anti-D immunoglobulin to the mother after delivery.
- d. Administer anti-D immunoglobulin to the child after delivery.
- e. Administer anti-D immunoglobulin to the child if the child is Rh+.

Answer: a

4)cause incompatibility in Rh :

- a. mother Rh-ve, father Rh +ve , baby Rh -ve
- b. mother Rh +ve, father Rh +ve, baby Rh-ve
- c. mother Rh-ve , father Rh +ve , baby Rh +ve

Answer:c