**Coagulopathies in children. Hemophilia.**

*Simple complement*

1. For hemophilia is not characteristic:

A. bleeding by hematoma type;

B. hemarthrosis;

C. tardy and posttraumatic hemorrhage;

D. petechiae and echimoses;

E. normal count of thrombocytes.

2. Hemophilia A includes the deficit of:

A. factor IX;

B. factor VIII;

C. factor XI;

D. factor XII;

E. factor V.

3. In hemorrhage in a child with hemophilia A the optimal indication is:

A. fresh frozen plasma;

B. native plasma;

C. cryoprecipitate;

D. erythrocytary mass;

E. thrombocytary mass.

4. In the treatment of hemophilia it’s contraindicated:

A. cryoprecipitate;

B. hemostatic tampon;

C. short time immobilization of affected member;

D. aspirin;

E. physical rest

5. What disease is hemophilia A?

A. autosomal-dominant;

B. autosomal-recessive;

C. recessively X-linked;

D. multifactorial;

E. acquired.

6. Von Willebrand disease is characterized by:

A. hematoma type bleeding;

B. mixt type bleeding;

C. vascular-petechial type bleeding;

D. unfavorable prognosis;

E. frequent hemarthroses.

7. For Willebrand disease it’s not characteristic:

A. reducing of factor VIII: C, VIII: R

B. diminished thrombocytary adhesion on glass surface;

C. reduced aggregation of thrombocytes at ristocetin;

D. thrombocytopenia;

E. increasing of bleeding time.

8. The parameter that is not modifying in hemophilia is:

A. Lee–White coagulation time;

B. factor VIII level;

C. partial activated thromboplastin time;

D. plasma recalcification time;

E. thrombocytes count.

9. What is not characteristic for hemophilia A?

A. increased bleeding time;

B. increased coagulation time;

C. increased partial activated thromboplastin time;

D. normal bleeding time;

E. factor VIII deficit.

10. The most frequent coagulopathy is:

A. hypofibrinogenemia;

B. hemophilia A;

C. hemophilia B;

D. hemophilia C;

E. factor V deficit (parahemophilia).

***Multiple complement***

1. The clinical picture of hemophilia includes the follows:

A. abundant hemorrhages;

B. hematomas;

C. hemarthroses;

D. echimoses and petechiae;

E. hemorrhage over 1-2 hours after trauma;

2. The diagnosis of hemophilia is establishing on the basis of:

A. heredocollateral anamnesis;

B. increasing of Duke bleeding time;

C. reduced consumption of prothrombin;

D. decreased thrombocytes count;

E. increased Lee–White coagulation time;

3. The follows are characteristic for hemophilia:

A. increased bleeding time;

B. increased Lee–White coagulation time;

C. increased partial activated thromboplastin time;

D. reducing of thrombocytes adhesion and aggregation;

E. factor VIII or IX deficit.

4. The confirmation of hemophilia type is based on:

A. Willebrand factor insufficiency;

B. factor VIII deficit;

C. factor IX deficit;

D. factor XII deficit;

E. factor XI deficit.

5. The following statements are characteristic for hemophilia:

A. increased bleeding time;

B. increased coagulation time;

C. increased partial activated thromboplastin time;

D. bleeding by hematoma type;

E. it’s genetic disease.

6. The follows are characteristic for Willebrand disease:

A. decreasing of thrombocytes adhesion;

B. factor IX deficit;

C. factor XII deficit;

D. factor Willebrand deficit;

E. increased bleeding time.

7. Select the statements characteristic for Willebrand disease:

A. recessive, X-linked transmission;

B. autosomal-dominant transmission;

C. diminishing of thrombocytes adhesion and aggregation;

D. mixt bleeding type;

E. frequent hemarthroses.

8. The following statements are correct for hemophilia B:

A. presence of hematomas and hemarthroses;

B. increased partial activated thromboplastin time;

C. prognosis for life is favorable;

D. factor IX deficit;

E. factor XI deficit.

9. Select the correct statements for hemophilia:

A. hematoma bleeding type;

B. hemarthrosis – characteristic manifestation of disease;

C. mixt bleeding type;

D hemophilia B is more frequent than hemophilia A;

E. the substitution treatment is essential.

10. What indices of coagulogram are modifying in hemophilia?

A. partial activated thromboplastin time;

B. prothrombin consumption;

C. test with ethanol;

D. thrombin time;

E. plasma recalcification time.

11. The follows are contraindicated in hemophilia treatment:

A. cryoprecipitate;

B. short-time immobilization of affected articulation;

C. long-time immobilization of affected articulation;

D. heparin administration;

E. lyophilized concentrates of factor VIII.

12. The program of therapy of acute hemarthrosis in patients with hemophilia

includes:

A. rheopolyglucin infusion;

B. cryoprecipitate administration;

C. short-time immobilization of articulation;

D. heparin administration;

E. obligatory articulation puncture.

13. The evaluation of coagulation intrinsic mechanism includes:

A. determining of partial activated thromboplastin time;

B. thrombin time appreciation;

C. coagulation factor VIII level appreciation;

D. coagulation factor IX level appreciation.

14. The evaluation of coagulation extrinsic mechanism includes:

A. prothrombin time appreciation;

B. thrombin time appreciation;

C. fibrinogen determining;

D. factor VII appreciation;

E. determining of plasma tolerance to heparin.

15. The follows are characteristic for Von Willebrand disease:

A. autosomal type of inheritance;

B. X-linked type of inheritance;

C. diminishing of thrombocytes adhesion and aggregation function;

D. Increasing of bleeding time;

E. hematoma bleeding type.

16. The typical clinical manifestations of Von Willebrand disease are:

A. gingivorrhagies;

B. epistaxis;

C. hematomas;

D. erythema, maculae-papulae;

E. Petechiae, echimoses.

17. Von Willebrand disease has the following characteristics:

A. autosomal type of inheritance;

B. isolated affection of primary hemostasis;

C. isolated affection of secondary hemostasis;

D. coagulopathy by mixt type

E. X-linked transmission.

**Coagulopathies in children. Simple complement.**

1. D

2. В

3. С

4. D

5. С

6. В

7. D

8. Е

9. А

10. В

**Multiple complement.**

1. А,В,С,Е
2. А,С,Е
3. В,С,Е
4. В,С,Е
5. В,С,D,Е
6. А,D,Е
7. В,С,D
8. А,В,С,D
9. А,В,Е
10. А,В,Е
11. С,D
12. B,C
13. A,D,E
14. A,D
15. A,C,D
16. A,B,C,E
17. A,D