CLAIMS:

1. A method for preparing a coagulated blood mass, suitable for use in a treatment of a subject, comprising:

mixing an amount of whole blood with calcium gluconate powder and kaolin powder; and

allowing the whole blood to coagulate to form the coagulated blood mass;

the method being characterized in that:

(i) the amount of calcium gluconate powder mixed with the whole blood being about 3.3 mg – 7.3 mg per each 1 ml of whole blood,

(ii) the particle-size distribution D50 of the calcium gluconate powder is about 50μ-200μ,

(iii) the amount of kaolin powder being about 0.6 mg – 3.1 mg per 1 ml of whole blood, and

(iv) the particle-size distribution D50 of the kaolin powder is less than about 25μ.

2. The method of claim 1, wherein the particle-size distribution of the calcium gluconate meets one of the criteria selected from (i) D70 of between about 50μ-200μ, (ii) D90 of between about 50μ-200μ, and (iii) D50 of about 125μ.

3. The method of claim 1 or 2, wherein the particle-size distribution of the kaolin powder meets one of the criteria selected from (i) D99 of less than about 50μ, (ii) D80 of less than about 25μ, and (iii) D45 is less than about 3μ.

4. The method of any one of claims 1-3, wherein said mixing is performed within a coagulation mold.

5. The method of any one of claims 1-4, wherein said mixing comprises at least one of (i) mixing about 1.75 mg of kaolin powder per 1 ml of whole blood, and (ii) mixing about 5.3 mg of calcium gluconate powder per 1 ml of whole blood.

6. A coagulation mold comprising:

a coagulation space defined by a base surrounded by upwardly rising walls and configured to receive a selected amount of whole blood;

said coagulation space comprises calcium gluconate powder and kaolin powder;

the mold being characterized in that:

(i) said calcium gluconate is in an amount of about 3.3 mg – 7.3 mg per 1 ml of said selected amount of whole blood,

(ii) the particle-size distribution D50 of the calcium gluconate powder is about 50μ-200μ,

(iii) the amount of kaolin powder is about 0.6 mg – 3.1 mg per 1 ml of said selected amount of whole blood, and

(iv) the particle-size distribution D50 of the kaolin powder is less than about 10μ.

7. The coagulation mold of claim 6, wherein the particle-size distribution of the calcium gluconate meets one of the criteria selected from (i) D70 of between about 50μ-200μ, (ii) D90 of between about 50μ-200μ, and (iii) D50 of about 125μ.

8. The coagulation mold of claim 6 or 7, wherein the particle-size distribution of the kaolin powder meets one of the criteria selected from (i) D99 of less than 50μ, (ii) D80 is less than about 25μ, (iii) D45 is less than about 3μ.

9. The coagulation mold of any one of claims 6-8, comprising at least one of (i) about 1.75 mg of kaolin powder per 1 ml of said selected amount of whole blood, and (ii) about 5.3 mg of calcium gluconate powder per 1 ml of whole blood.

10. The coagulation mold of any one of claims 6-9, wherein the volume of the coagulation space is sufficient to receive an amount of about 13 ml – 19 ml of whole blood.

11. A kit for preparing a coagulated blood mass from a selected volume of whole blood comprising the coagulation mold of any one of claims 6-10.

12. The kit of claim 11, comprising tools for withdrawing whole blood and containing it.

13. The kit of claim 11 or 12, comprising 0.04 ml – 0.095 ml of anti-coagulant-containing liquid for every 1 ml of said selected amount of whole blood.

14. The kit of any one of claims 11-13, wherein said selected amount is between 13 ml – 19 ml.