C l a i m s

1. Pharmaceutical composition for treating infertility in a female subject, comprising or substantially consisting of:
    - local anesthetic of amide type selected from the group consisting of articaine, bupivacaine, cinchocaine, etidocaine, levobupivacaine, lidocaine, mepivacaine, oxetacine, prilocaine, ropivacaine, tolycaine, and trimecaine,
    - human albumin;
    - viscosity controlling agent selected from the group consisting of recombinant hyaluronic acid and combination of recombinant hyaluronic acid and water-soluble cellulose ether;
    - water optionally comprising one or more ions selected from the group consisting of sodium, potassium, magnesium, calcium, acetate, chloride, sulfate.

2. The composition of claim 1, additionally comprising citrate, glucose and/or amino acid.

3. The composition of claim 1 or 2, wherein the human albumin is of recombinant origin.

4. The composition of any one of claims 1 to 3, wherein the local anesthetic is in form of a pharmaceutically acceptable salt thereof.

5. The composition of claim 4, wherein the pharmaceutically acceptable salt is selected from hydrochloride, hydrobromide, sulfate.

6. The composition of any one of claims 1 to 5, wherein the local anesthetic is lidocaine or lidocaine hydrochloride.

7. The composition of any one of claims 1 to 6, comprising from 0.1 mg/ml to 2.5 mg/ml local anesthetic, in particular about 1.0 mg/ml.

8. The composition of any one of claims 1 to 7, comprising from 0.1 mg/ml to 20.0 mg/ml recombinant albumin.

9. The composition of any one of claims 1 to 8, comprising from 0.02 mg/ml to 5.0 mg/ml of hyaluronic acid.

10. The composition of any one of claims 2 to 9, comprising from 0.1 mM/L to 5.0 mM/L of citrate.

11. The composition of any one of claims 2 to 10, comprising up to about 5 mg/ml of glucose.

12. The composition of any one of claims 1 to 11, wherein the cellulose ether is hydroxypropyl-methyl cellulose (HPMC).

13. Pharmaceutical composition according to any of one claims 1 to 12, in dry powderous form, in particular in form of a cryoprecipitate, for reconstitution with water, wherein said one or more ions selected from the group consisting of sodium, potassium, magnesium, calcium, acetate, chloride, sulfate form part of the cryoprecipitate or of said water for reconstitution.

14. Sustained-release composition for treating infertility in a female subject, comprising the composition of any one of claims 1 to 12 except for its water component incorporated into a biodegradable porous polymer microparticle or a microparticle comprising a biodegradable polymer shell.

15. The composition of claim 14, wherein the porous polymer or the polymer shell comprises a biodegradable polymer selected from poly-lactide, poly-glycolide, poly[lactide-co-glycolide].