CLAIMS

1. An aqueous solution comprising adrenalin and an antidepressant, wherein the antidepressant is chosen from the group consisting of amitriptyline, amoxapine, amitriptylinoxide, butriptyline, clomipramine, demexiptiline, dibenzepin, dimetacrine, dosulepin, doxepin, imipraminoxide, lofepramine, maprotiline, mianserin, melitracen, metapramine, nitroxazepine, nortriptyline, noxiptiline, pipofezine, propizepine, protriptyline, quinupramine, amineptine and trimipramine, or one of its pharmaceutically acceptable salts.

2. The solution according to claim 1, further comprising at least one preservative agent.

3. The solution according to claim 1 or 2, wherein the antidepressant is doxepin or one of its pharmaceutically acceptable salts.

4. The solution according to any one of claims 1 to 3, wherein adrenalin is at a concentration comprised between 0.05 mg/ml and 1.0 mg/ml in said solution.

5. The solution according to any one of claims 1 to 4, wherein the antidepressant is at a concentration comprised between 0.1 mg/ml and 10 mg/ml in said solution.

6. The solution according to any one of claims 1 to 5, consisting of adrenalin, an antidepressant, sodium chloride, a preservative agent and water.

7. The aqueous solution according to any one of claims 1 to 6 for use in the treatment of shocks.

8. An aqueous solution comprising adrenalin and an antidepressant for use in the treatment of shocks.

9. The aqueous solution according to any one of claims 7 or 8 for use in the treatment of a shock selected from the group consisting of: anaphylactic shock, cardiac arrest, and cardiovascular distress associated with anaphylactic shock,

hemorragic shock, traumatic shock, infectious shock and secondary shock due to cardiac surgery.

10. A pharmaceutical composition comprising the solution according to any one of claims 1 to 9.

11. The pharmaceutical composition according to claim 10, for use in the treatment of shocks.

12. The pharmaceutical composition according to claim 10 or 11, wherein the solution is suitable for intramuscular injection and/or subcutaneous injection.

13. The pharmaceutical composition for use according to claim 12, comprising administering a dose of adrenalin comprised between 0.05 mg and 0.30 mg.

14. The pharmaceutical composition for use according to any one of claims 12 or 13, comprising administering the antidepressant at a dose comprised between 0.1 mg and 3 mg.

15. An auto-injection device comprising the pharmaceutical composition according to any one of claims 10 to 14.

16. The auto-injection device according to claim 15 which comprises a container prefilled with the pharmaceutical composition according to any one of claims 10 to 14.

17. An auto-injection device according to claim 15 comprising two containers wherein one container is prefilled with an aqueous solution of adrenalin, the other one container is prefilled with an aqueous solution of an antidepressant and wherein the pharmaceutical composition according to any one of claims 10 to 14 is formed by mixing the two solutions within the device.

CLAIMS

1. An aqueous solution comprising:
   a) adrenalin;
   b) an antidepressant, wherein the antidepressant is chosen from the group consisting of amitriptyline, amoxapine, amitriptylinoxide, butriptyline, clomipramine, demexiptiline, dibenzepin, dimetacrine, dosulepin, doxepin, imipraminoxide, lofepramine, maprotiline, mianserin, melitracen, metapramine, nitroxazepine, nortriptyline, noxiptiline, pipofezine, propizepine, protriptyline, quinupramine, amineptine and trimipramine, or one of its pharmaceutically acceptable salts; and
   c) at least one preservative agent,

   and wherein said aqueous solution is suitable for the administration of a dose of adrenalin comprised between 0.05 mg and 0.35 mg and for the administration of a dose of said antidepressant comprised between 0.1 mg and 3 mg.

2. The solution according to claim 1, wherein the antidepressant is trimipramine or one of its pharmaceutically acceptable salts.

3. The solution according to claim 1 or 2, wherein the antidepressant is doxepin or one of its pharmaceutically acceptable salts.

4. The solution according to any one of claims 1 to 3, wherein adrenalin is at a concentration comprised between 0.05 mg/ml and 1.0 mg/ml in said solution.

5. The solution according to any one of claims 1 to 4, wherein the antidepressant is at a concentration comprised between 0.1 mg/ml and 10 mg/ml in said solution.

6. The solution according to any one of claims 1 to 5, consisting of adrenalin, an antidepressant, sodium chloride, a preservative agent and water.

7. The use of the aqueous solution according to any one of claims 1 to 6 in the manufacture of a medicament for the treatment of shocks.

8. The use of an aqueous solution comprising adrenalin and an antidepressant in the manufacture of a medicament for the treatment of shocks.

9. The use according to claim 7 or claim 8 wherein the type of shock is selected from the group consisting of: anaphylactic shock, cardiac arrest, and cardiovascular distress associated with anaphylactic shock, hemorragic shock, traumatic shock, infectious shock and secondary shock due to cardiac surgery.

10. A pharmaceutical composition comprising the solution according to any one of claims 1 to 9 wherein the solution is suitable for intramuscular injection and/or subcutaneous injection wherein a dose of adrenalin comprised between 0.05 mg and 0.30 mg and a dose of the antidepressant comprised between 0.1 mg and 3 mg is to be administered.

11. The use of the pharmaceutical composition according to claim 10, in the manufacture of a medicament for the treatment of shocks.

12. The use according to claim 11, wherein the solution is suitable for intramuscular injection and/or subcutaneous injection.

13. The use according to claim 12 wherein the antidepressant is to be administered at a dose comprised between 0.1 mg and 3 mg.

14. An auto-injection device comprising the pharmaceutical composition according to any one of claims 10 to 13.

15. The auto-injection device according to claim 14 which comprises a container prefilled with the pharmaceutical composition according to any one of claims 10 to 13.

16. An auto-injection device according to claim 14 comprising two containers wherein one container is prefilled with an aqueous solution of adrenalin, the other one container is prefilled with an aqueous solution of an antidepressant and wherein the pharmaceutical composition according to any one of claims 10 to 13 is formed by mixing the two solutions within the device.