a spray. Preferably, a wide spray facilitating the application of the composition for covering the whole of the buccal cavity will be selected.

The frequency of use of such a spray will depend on the composition, on the dose to the administered during the daytime, on the needs of the patient, this frequency will be determined by the physician and/or the pharmacist, however, a maximum frequency of three sprayings eight times a day is recommended.

The present disclosure therefore relates to a pharmaceutical composition comprising at least one humectant, one gelling agent and one film-forming agent for its use in the treatment of hyposialia or asialia.

In one aspect, the invention relates to the use of the pharmaceutical composition comprising at least one humectant in an amount from 15 % to 65 % by weight based on the total weight of the composition, one gelling agent and a derivative of polyvinyl alcohols as a film-forming agent in the manufacture of a medicament for treatment of hyposialia or asialia, wherein the film-forming agent is a mixture of polyvinylpyrrolidone and of copolyvidone.

In another aspect, there is provided the pharmaceutical composition as disclosed herein for use as a medicament.

An object of the present invention therefore appears as a medical device which, according to article L.5211-1 of the Public Health Code (France) is defined as any instrument, device, piece of equipment, material or other article, intended to be used in humans for diagnostic, prevention, control, treatment or attenuation purposes for a pathology, and the main action of which in or on the human body is not obtained by pharmacological or immunological means or by metabolism, but the function of which may be assisted with such means.

By humectant in the sense of the present invention is meant a small molecule capable of attracting and/or retaining water in proximity to or available to cells by means of its hygroscopic properties.

The humectant may advantageously be selected from pidolic acid and its derivatives, butylene glycol, calcium gluconate, fructose, glucose, isomalt, lactose, maltitol, mannitol, polydextrose, sorbitol, saccharose, xylitol, glycerol, glycyrrhizic acid and its derivatives, histidine, hyaluronic acid and its salts, silk, keratin or soja hydrolyzates, PEGs (-7, -8, -10, -12, -14…), phytantriol, propylene glycol, silk, urea. Preferably, the humectant is glycerol.

Claims

1. Use of a pharmaceutical composition comprising at least one humectant in an amount from 15 % to 65 % by weight based on the total weight of the composition, one gelling agent and a derivative of polyvinyl alcohols as a film-forming agent, in the manufacture of a medicament for the treatment of hyposialia or asialia, and wherein the film-forming agent is a mixture of polyvinylpyrrolidone and of copolyvidone.

2. The use according to claim 1, characterized in that the humectant is glycerol.

3. The use according to any one of claims 1 or 2, characterized in that the gelling agent is xanthan gum.

4. The use according to any one of claims 1 to 3, characterized in that the amount of the gelling agent is comprised from 0.05 % to 1 %, preferably from 0.1% to 0.5% of the total weight of the composition.

5. The use according to any one of claims 1 to 4, characterized in that the amount of film-forming agent is comprised from 0.1% to 5%, preferably from 0.5% to 3% of the total weight of the composition.

6. The use according to any one of claims 1 to 5, characterized in that the composition further comprises a mucilage.

7. The use according to claim 6, characterized in that the mucilage comes from a marshmallow root extract.

8. The use according to any one of claims 1 to 7, characterized in that the composition further comprises one or several pH adjusters.

9. The use according to any one of claims 1 to 8, characterized in that the composition further comprises a mineralizing agent.

10. The use according to any one of claims 1 to 9, characterized in that the composition appears in an administrable form as a spray.

11. The use according to any one of claims 1 to 10, characterized in that the composition is in the form of a pharmaceutical presentation of the monodose type.

12. A pharmaceutical composition comprising at least one humectant in an amount from 15 % to 65 % by weight based on the total weight of the composition, one gelling agent and a derivative of polyvinyl alcohols as a film-forming agent, for use as a medicament, wherein said film-forming agent is a mixture of polyvinylpyrrolidone and of copolyvidone.