with a motor disorder component, by intracranial toxin administration (U.S. Pat. No. 6,306,403), hair growth and hair retention (U.S. Pat. No. 6,299,893), psoriasis and dermatitis (U.S. Pat. No. 5,670,484), injured muscles (U.S. Pat. no. 6,423,319, various cancers (U.S. Pat. No. 6,139,845), pancreatic disorders (U.S. Pat. No. 6,143,306), smooth muscle disorders (U.S. Pat. No. 5,437,291, including injection of a botulinum toxin into the upper and lower esophageal, pyloric and anal sphincters)), prostate disorders (U.S. Pat. No. 6,365,164), inflammation, arthritis and gout (U.S. Pat. No. 6,063,768), juvenile cerebral palsy (U.S. Pat. No. 6,395,277), inner ear disorders (U.S. Pat. No. 6,265,379), thyroid disorders (U.S. Pat. No. 6,358,513), parathyroid disorders (U.S. Pat. No. 6,328,977). Additionally, controlled release toxin implants are known (see e.g. U.S. Pat. Nos. 6,306,423 and 6,312,708).

SUMMARY

[0037] Embodiments of the ~~invention~~disclosure include a method of treating adipose deposits comprising administering a botulinum composition to the affected area of the patient. In embodiments the patient is female. In embodiments the botulinum is botulinum type A administered in an amount between 50 and 300 units.

[0037a] In a first aspect, there is provided the use of a botulinum composition in the manufacture of a medicament for the treatment of an adipose deposit, wherein the administration of the medicament comprises topical administration to the face and/or neck, thereby treating the adipose deposit.

[0037b] In a second aspect, there is provided the use of a botulinum composition in the manufacture of a medicament for the treatment of an adipose deposit, wherein the administration of the medicament comprises administration by injection to the face and/or neck, thereby treating the adipose deposit.

DESCRIPTION OF EXEMPLARY EMBODIMENTS

[0038] Embodiments of the invention utilize methods and compositions comprising botulinum toxins and like substances to treat, for example, adipose deposits such as, for example, cellulite, lipoma, and the like. In certain embodiments, the method of administration can be systemic, such as, for example, intravenously, or local, such as, for example, via injection, implant, a topical formulation, or the like.

[0039] In one aspect, the invention comprises a method of treating adipose deposits, comprising administering an effective amount of a botulinum toxin composition to or below the skin of a patient in need thereof. In certain embodiments, for example, the botulinum toxin composition comprises botulinum toxin encapsulated in phospholipid micelles, and / or one or more primary stabilizers, and / or one or more skin penetration enhancers. In an alternate embodiment, injection of botulinum toxin A is carried out at multiple sites in the skin, wherein the sites of adjacent injections are separated by about 0.1 to 10 cm., or by about 0.5 to about 5 cm. or by about 1.5 to about 3 cm. The toxins may be any of the botulinum toxins A,B,C,D,E,F or G. The amounts administered may vary between 0.1 and 1000 U, suitably about 1 to about 40, often from about 5 to about 10 U, depending on the manufactures specifications, the class of

What is claimed is:

1. Use of a botulinum composition in the manufacture of a medicament for treating an adipose deposit, wherein said medicament is to be applied to an affected area of the patient.

2. The use of claim 1, wherein the patient is female.

3. The use of claim 1, wherein the botulinum composition comprises botulinum type A.

4. The use of claim 3, wherein the botulinum type A is administered in an amount between about 200 and about 300 units.

5. The use of claim 4, wherein the botulinum toxin is re-administered between about every 2 to about every 6 months.

6. The use of claim 1 wherein the administration comprises topical administration.

7. The use of claim 6 wherein the botulinum composition comprises botulinum type A.

8. The use of claim 1 wherein the administration comprises administration via injection.

9. The use of claim 8 wherein the botulinum composition comprises botulinum type A.

10. The use of claim 9 wherein the botulinum type A comprises the 900kD type A complex.

CLAIMS

1. Use of a botulinum composition in the manufacture of a medicament for the treatment of an adipose deposit, wherein the administration of the medicament comprises topical administration to the face and/or neck, thereby treating the adipose deposit.

2. Use of a botulinum composition in the manufacture of a medicament for the treatment of an adipose deposit, wherein the administration of the medicament comprises administration by injection to the face and/or neck, thereby treating the adipose deposit.

3. Use according to claim 1 or 2, wherein the botulinum composition comprises botulinum type **A.**

4. Use according to claim 3, wherein the botulinum type A comprises the 900kD type A complex.