CLAIMS

1. A method of administering first and second medicaments from a fluid delivery device comprising:

delivering a first basal delivery of the first medicament by actuating a first basal drive mechanism, delivering a second basal delivery of the second medicament by actuating a second basal drive mechanism, and

delivering a first bolus delivery of the first medicament by actuating a first bolus drive mechanism.

2. The method of claim 1, wherein the first basal delivery is approximately equal to the second basal delivery.

3. The method of claim 1, wherein the first basal delivery is greater than the second basal delivery.

4. The method of claim 1, wherein delivering the first basal delivery includes actuating a first basal drive mechanism and delivering the second basal delivery includes actuating the first basal drive mechanism.

5. The method of claim 1, wherein delivering the first basal delivery includes actuating a first basal drive mechanism and delivering the second basal delivery includes actuating a second basal drive mechanism.

6. The method of claim 1, further including delivering a second bolus delivery of the second medicament.

7. The method of claim 6, wherein the first bolus delivery is the same as the second bolus delivery.

8. The method of claim 6, wherein the first bolus delivery is greater than the second bolus delivery.

9. The method of claim 6, wherein delivering the first bolus delivery includes actuating a first bolus drive mechanism and delivering the second bolus delivery includes actuating the first bolus drive mechanism.

10. The method of claim 6, wherein delivering the first bolus delivery includes actuating a first bolus drive mechanism and delivering the second bolus delivery includes actuating a second bolus drive mechanism.

CLAIMS

1. A fluid delivery device for administering a first medicament and a second medicament, the fluid delivery device comprising:

a housing;

a first fluid reservoir configured to contain the first medicament within the housing;

a second fluid reservoir configured to contain the second medicament within the housing;

a needle having a first end configured to extend into the first fluid reservoir and a second end configured to extend from the housing;

a basal pump chamber having hydraulic fluid and coupled to the first fluid reservoir;

a basal drive mechanism having a hydraulic fluid reservoir, the hydraulic fluid reservoir including hydraulic fluid;

a flow restrictor fluidly coupling the hydraulic fluid reservoir with the basal pump chamber, the basal drive mechanism configured to pressurize the hydraulic fluid in the basal pump chamber and engage the first fluid reservoir to provide a basal delivery of the first medicament; and

a bolus drive mechanism coupled to the second fluid reservoir and configured to provide a bolus delivery of the second medicament.

2. The fluid delivery device of claim 1, wherein the needle is a basal needle and the fluid delivery device further comprises: a bolus needle having a first end configured to extend into the second fluid reservoir and a second end configured to extend from the housing and into a user.

3. The fluid delivery device of claim 2 further comprising: a needle button, the basal needle and the bolus needle being coupled to the needle button.

4. The fluid delivery device of claim 1, wherein the needle includes a third end configured to extend into the second fluid reservoir.

5. The fluid delivery device of claim 4 further comprising a needle button coupled to the needle.

6. The fluid delivery device of claim 1 further comprising: a bolus pump chamber including a hydraulic fluid and coupled between the bolus drive mechanism and the second fluid reservoir.

7. The fluid delivery device of claim 1, wherein the bolus drive mechanism includes a ratchet.

8. A fluid delivery device for administering a first medicament and a second medicament, the fluid delivery device comprising:

a housing configured to have a first fluid reservoir containing the first medicament and a second fluid reservoir containing the second medicament;

a needle having a first end configured to extend into the first fluid reservoir and a second end configured to extend from the housing;

a basal pump chamber having hydraulic fluid and coupled to the first fluid reservoir;

a basal drive mechanism having a hydraulic fluid reservoir, the hydraulic fluid reservoir including hydraulic fluid;

a flow restrictor fluidly coupling the hydraulic fluid reservoir with the basal pump chamber, the basal drive mechanism configured to pressurize the hydraulic fluid in the basal pump chamber and engage the first fluid reservoir to provide a basal delivery of the first medicament; and

a bolus drive mechanism coupled to the second fluid reservoir and configured to provide a bolus delivery of the second medicament.

9. The fluid delivery device of claim 8, wherein the needle is a basal needle and the fluid delivery device further comprises: a bolus needle having a first end configured to extend into the second fluid reservoir and a second end configured to extend from the housing.

10. The fluid delivery device of claim 9 further comprising: a needle button, the basal needle and the bolus needle being coupled to the needle button.

11. The fluid delivery device of claim 8, wherein the needle includes a third end configured to extend into the second fluid reservoir.

12. The fluid delivery device of claim 11 further comprising a needle button coupled to the needle.

13. The fluid delivery device of claim 8 further comprising: a bolus pump chamber including a hydraulic fluid and coupled between the bolus drive mechanism and the second fluid reservoir.

14. The fluid delivery device of claim 8, wherein the bolus drive mechanism includes a ratchet.