What is claimed:

1. An electroporation device for use with a fold of tissue, the fold of tissue including a skin layer, an adipose layer, and a smooth muscle layer, the electroporation device including:

a frame having a first arm and a second arm extending therefrom;

a first electrode coupled to a distal end of the first arm, the first electrode having a first contact surface defining a first perimeter;

a second electrode coupled to a distal end of the second arm, the second electrode having a second contact surface defining a second perimeter; and

a signal generator configured to deliver an electroporation signal to the first and second electrodes,

wherein the first contact surface and the second contact surface face each other and define a treatment zone therebetween for communicating the electrical signal to the fold of tissue, the first and second contact surfaces each have an insulated portion and a non-insulated portion, and the non-insulated portion is located between the distal end of the respective arm and the insulated portion; and

wherein the first and second electrodes are configured to grip the fold of tissue such that: the tissue positioned within the treatment zone includes the skin layer, the adipose layer, and the smooth muscle layer, and

the non-insulated portions are adjacent a top of the fold and the insulated portions contact opposite sides of the fold.

2. The electroporation device of claim 1, wherein at least one of the first contact surface and the second contact surface includes a plurality of protrusions extending therefrom.

3 The electroporation device of claim 2, wherein each of the protrusions is substantially pyramidal in shape.

4. The electroporation device of any one of claims 1 to 3, further comprising a hand-held applicator that supports the frame, the hand-held applicator including an adjustment mechanism connected to the

first and second arms, wherein the adjustment mechanism is configured to allow a user to manipulate a distance between the first and second contact surfaces.

5. The electroporation device of any one of claims 1 to 4, wherein each of the first and second electrodes includes a layer of insulating material that provides the insulated portion of the respective first and second contact surfaces.

6. The electroporation device of claim 5, further comprising first and second sheaths that define the respective layers of insulating material, wherein the first and second sheaths are attached to end portions of the first and second electrodes.

7. The electroporation device of any one of claims 1 to 6, further comprising a third electrode having a third contact surface configured to contact the fold of tissue, wherein the third electrode is located between the first and second electrodes such that the third electrode does not directly contact either the first electrode or the second electrode, and the third contact surface is configured to communicate the electroporation signal to the fold of tissue.

8. The electroporation device of claim 7, wherein the third electrode is a plate electrode configured such that the third contact surface contacts the top of the fold of tissue.

9. The electroporation device of claim 7, wherein the third electrode is a needle electrode configured to penetrate the fold of tissue and extend into the adipose layer.

10. The electroporation device of claim 9, further comprising an injection device for injecting a predetermined amount of an agent into the adipose layer, wherein the injection device includes:

a reservoir configured to hold the predetermined amount of the agent; and

the needle, wherein the needle is an injection needle extending from and in fluid communication with the reservoir, and the needle is configured to inject the predetermined amount of the agent into the adipose layer.