CLAIMS

1. A skin treatment apparatus, comprising:
a plurality of electrodes; the electrodes are bipolar; and
a high frequency generation module, the high frequency generation module electrically coupled to the plurality of electrodes and providing a high frequency signal to the plurality of electrodes to coagulate around each electrode rather than coagulating between the electrodes.

2. The skin treatment apparatus of claim 1, further comprising a drive module to controllably move one or more of the plurality of electrodes along their length from a first human body region to second human body region.

3. The skin treatment apparatus of claim 1, wherein the closest neighboring electrodes have opposite polarities.

4. The skin treatment apparatus of claim 1, wherein the coagulated area around the each electrode is oval in shape.

5. The skin treatment apparatus of claim 1, wherein the plurality of electrodes have a length sufficient to reach dermis of a skin when inserted into the skin.

6. The skin treatment apparatus of claim 1, wherein the minimum number of the plurality of electrodes is four.

7. The skin treatment apparatus of claim 1, wherein the high frequency signals have a frequency from 0.5 to 10 Mhz.

8. The skin treatment apparatus of claim 1, wherein the electrode is a needle.

9. The skin treatment apparatus of claim 1, wherein the high frequency generation module applies signal to the plurality of electrodes for 0.05 to 0.8 seconds.

10. The skin treatment apparatus of claim 1, wherein the electrodes have distance between adjacent electrodes from about 1.3mm to 3.0mm.

11. The skin treatment apparatus of claim 1, wherein each of the plurality of electrodes has a diameter of either 0.25mm or 0.30mm.

12. The skin treatment apparatus of claim 1, wherein the electrodes are non-insulated.

13. The skin treatment apparatus of claim 1, wherein a portion of the dermis area of the electrode is non-insulated.

14~~23~~. The skin treatment apparatus of claim 1, wherein the electrode is insulated except for a tip of the electrode.