WHAT IS CLAIMED IS:

1. An apparatus for producing a cosmetic effect in a skin tissue, comprising:

at least one needle which is configured to remove a portion of the skin tissue when the at least one needle is inserted into and withdrawn from the skin tissue so as to produce the cosmetic effect.

2. The apparatus of claim 1, wherein the at least one needle is a hollow needle which comprises a lumen and a cutting arrangement at a distal end thereof.

3. The apparatus of claim 2, wherein a diameter of the lumen is less than about 1 mm.

4. The apparatus of claim 2, wherein a diameter of the lumen is less than about 0.8 mm.

5. The apparatus of claim 2, wherein a diameter of the lumen is less than about 0.5 mm.

6. The apparatus of claim 2, wherein a diameter of the lumen is between about 0.3 mm and about 0.5 mm.

7. The apparatus of claim 2, wherein a gauge size of the hollow needle is between 18 gauge and 30 gauge.

8. The apparatus of claim 2, wherein a gauge size of the hollow needle is between 22 gauge and 25 gauge.

9. The apparatus of any of claims 2-8, wherein the at least one hollow needle further comprises at least one protrusion provided within the lumen.

10. The apparatus of any of claims 2-9, wherein the at least one hollow needle further comprises at least one angled notch provided in a wall of the at least one hollow needle.

11. The apparatus of claim 10, wherein an edge of the at least one notch protrudes outward beyond an outer periphery of the at least one hollow needle.

12. The apparatus of any of claims 2-11, wherein the cutting arrangement comprises at least one prong.

13. The apparatus of any of claims 2-11, wherein the cutting arrangement comprises at least two prongs.

14. The apparatus of any of claims 1-13, wherein the at least one needle is a solid needle comprising at least one extension provided on an outer surface thereof.

15. The apparatus of any of claims 1-14, wherein a length of the at least one needle is between about 2 mm and about 5 mm.

16. The apparatus of any of claims 1-15, wherein the at least one needle is a plurality of needles.

17. The apparatus of claim 16, wherein a distance between adjacent ones of the needles is less than about 15 mm.

18. The apparatus of claim 16, wherein a distance between adjacent ones of the needles is less than about 10 mm.

19. The apparatus of claim 16, wherein a distance between adjacent ones of the needles is less than about 5 mm.

20. The apparatus of claim 16, wherein a distance between adjacent ones of the needles is less than about 3 mm.

21. The apparatus of any of claims 16-20, wherein the at least one needle has a diameter that is different from a diameter of at least one further needle.

22. The apparatus of any of claims 16-21, wherein at least one needle has a length that is different from a length of at least one further needle.

23. The apparatus of any of claims 1-22, further comprising a substrate, wherein the at least one needle is coupled to the substrate.

24. The apparatus of claim 23, wherein the substrate is substantially flat.

25. The apparatus of claim 23, wherein the substrate is substantially cylindrical and structured to be rolled over a surface of the skin.

26. The apparatus of any of claims 1-25, further comprising a reciprocating arrangement configured to repeatedly insert and withdraw the at least one needle into and from the skin tissue, respectively.

27. The apparatus of claim 26, wherein the reciprocating arrangement comprises an actuator and a control arrangement.

28. The apparatus of any of claims 2-27, further comprising a conduit configured to provide a low pressure source in communication with the lumen of the at least one hollow needle to facilitate a removal of the at least one portion from the skin tissue or the lumen of the at least one hollow needle.

29. The apparatus of claim 28, further comprising a filter arrangement configured to trap the at least one portion of tissue after it is removed from the lumen.

30. A method for resurfacing a skin tissue, comprising:

producing a plurality of holes in the skin tissue using a mechanical arrangement,

wherein each hole is produced by removing a portion of the skin tissue, and

wherein a width of each hole is less than about 1 mm.

31. The method of claim 30, wherein a surface area fraction of the removed portion is between about 0.1 and 0.7.

32. The method of claim 30, wherein a surface area fraction of the removed portion is between about 0.2 and 0.5.

33. The method of claim 30, wherein a surface area fraction of the removed portion is between about 0.2 and 0.4.

34. The method of claim 30, wherein a surface area fraction of the removed portion is between about 0.2 and 0.5.

35. The method of any of claims 30-34, wherein the mechanical arrangement comprises at least one needle configured to remove the portion of the skin tissue when the at least one needle is inserted into and withdrawn from the skin tissue.

36. The method of claim 35, wherein the at least one needle is a plurality of needles.

37. The method of any of claims 35 or 36, wherein the mechanical arrangement further comprises a reciprocating arrangement adapted or structured to insert and withdraw the at least one needle a plurality of times.

38. The method of any of claims 30-37, wherein at least one hole extends through the entire dermis to at least a depth of a subcutaneous fat layer.

39. The method of any of claims 30-37, wherein each of a plurality of the holes extends through the entire dermis to at least a depth of a subcutaneous fat layer.

40. The method of any of claims 30-39, wherein a width of each hole is less than about 0.5 mm.

41. The method of any of claims 30-39, wherein a width of each hole is between about 0.3 mm and about 0.5 mm.

What is claimed is:

1. An invention not claimed in any divisional application.