WHAT IS CLAIMED IS:

1. An electrode assembly for use in neuromodulation, the electrode assembly comprising:

a segment coupleable to a strut and at least partially defining a U-shaped channel having a bottom and sidewalls extending up from the bottom;

a plurality of electrodes over the U-shaped channel and opposite the bottom of the U-shaped channel, the electrodes of the plurality of electrodes longitudinally spaced along one side of the segment, each electrode of the plurality of electrodes having a rectangular vertical cross-section;

a plurality of conductors, each conductor of the plurality of conductors electrically connected to a bottom side of a different electrode of the plurality of electrodes, the plurality of conductors positioned in the U-shaped channel under the plurality of electrodes; and

an insulating sheet covering the plurality of conductors.

2. The electrode assembly of Claim 1, wherein the U-shaped channel has a depth configured to partially laterally cover the plurality of electrodes.

3. The electrode assembly of Claim 1 or 2, wherein each of the plurality of electrodes has a rectangular cross-section.

4. The electrode assembly of Claim 1 or 2, wherein each of the plurality of electrodes has a rounded cross-section.

5. The electrode assembly of any one of Claims 1 to 4, wherein the U-shaped channel has a depth between 0.005 inches (approx. 0.13 mm) and 0.02 inches (approx. 0.51 mm) and wherein the U-shaped channel has a width between 0.015 inches (approx. 0.38 mm) and 0.05 inches (approx. 1.3 mm).

6. An electrode assembly for use in neuromodulation, the electrode assembly comprising:

a segment comprising walls at least partially defining a U-shaped channel;

a plurality of electrodes over the U-shaped channel; and

a plurality of conductors electrically connected to the plurality of electrodes, the plurality of conductors positioned in the U-shaped channel under the plurality of electrodes.

7. The electrode assembly of Claim 6, wherein each of the plurality of conductors is coated with insulative material.

8. The electrode assembly of Claim 6 or 7, further comprising an insulating sheet covering the plurality of conductors.

9. The electrode assembly of any one of Claims 6 to 8, wherein the U-shaped channel has a depth configured to partially laterally cover the plurality of electrodes.

10. The electrode assembly of any one of Claims 6 to 9, wherein each of the plurality of electrodes has a rectangular cross-section.

11. The electrode assembly of any one of Claims 6 to 9, wherein each of the plurality of electrodes has a rounded cross-section.

12. The electrode assembly of any one of Claims 6 to 11, wherein insulating material at least partially covers edges of the plurality of electrodes.

13. The electrode assembly of any one of Claims 6 to 12, wherein the segment comprises plastic.

14. The electrode assembly of any one of Claims 6 to 13, wherein the segment is molded.

15. The electrode assembly of any one of Claims 6 to 14, wherein each of the plurality of electrodes is longitudinally spaced along the segment.

16. The electrode assembly of any one of Claims 6 to 15, wherein each of the plurality of electrodes is circular.

17. The electrode assembly of any one of Claims 6 to 16, wherein the segment is coupleable to a strut.

18. The electrode assembly of Claim 17, wherein the strut comprises a wire of a self-expanding structure changeable between a collapsed state and an expanded state.

19. The electrode assembly of any one of Claims 6 to 18, wherein the U-shaped channel has a depth between 0.005 inches (approx. 0.13 mm) and 0.02 inches (approx. 0.51 mm).

20. The electrode assembly of any one of Claims 6 to 19, wherein the U-shaped channel has a width between 0.015 inches (approx. 0.38 mm) and 0.05 inches (approx. 1.3 mm).

21. An electrode assembly for use in neuromodulation, the electrode assembly comprising:

a segment comprising walls at least partially defining a U-shaped channel;

a plurality of electrodes over the U-shaped channel; and

a plurality of conductors, each conductor of the plurality of conductors electrically connected to a bottom side of a different electrode of the plurality of electrodes, the plurality of conductors positioned in the U-shaped channel.

22. The electrode assembly Claim 21, wherein each of the plurality of electrodes has a rectangular vertical cross-section.

23. The electrode assembly of Claim 21, wherein each of the plurality of electrodes has a rounded lateral cross-section.

24. The electrode assembly of any one of Claims 21 to 23, wherein insulating material at least partially covers edges of the plurality of electrodes.

25. The electrode assembly of any one of Claims 21 to 24, wherein the segment comprises molded plastic.

26. The electrode assembly of any one of Claims 21 to 25, wherein each of the plurality of electrodes is longitudinally spaced along the segment.

27. The electrode assembly of any one of Claims 21 to 26, wherein the segment is coupleable to a strut, wherein the strut comprises a wire of a self-expanding structure changeable between a collapsed state and an expanded state.

28. The electrode assembly of any one of Claims 21 to 27, wherein the U-shaped channel has a depth between 0.005 inches (approx. 0.13 mm) and 0.02 inches (approx. 0.51 mm) and a width between 0.015 inches (approx. 0.38 mm) and 0.05 inches (approx. 1.3 mm).

29. A system for monitoring effect of neurostimulation on left ventricle contractility by making measurements in the right ventricle, the system comprising:

a neurostimulator configured to be positioned in a pulmonary artery, wherein activation of the neurostimulator applies neurostimulation to a nerve proximate to the pulmonary artery;

a pressure sensor configured to be positioned in the right ventricle and configured to measure contractility of the right ventricle;

a processor configured to:

correlate the contractility of the right ventricle to contractility of the left ventricle to determine an effect of the neurostimulation on the contractility of the left ventricle; and

use closed loop control to alter a parameter of the neurostimulation.

30. A system configured to reduce a duty cycle during a neurostimulation treatment period while maintaining an efficacious therapeutic effect, the system comprising:

a processor configured to:

during a first duration:

apply neurostimulation,

monitor a physiologic signal., and

store a stimulation level of the physiologic signal;

after the first duration:

monitor the physiologic signal for deviation from the stimulation level by a threshold value; and

detect the deviation greater than the threshold value; and

after detecting the deviation, for a second duration:

alternatingly applying the neurostimulation and stopping applying the stimulation until the deviation is less than the threshold value.