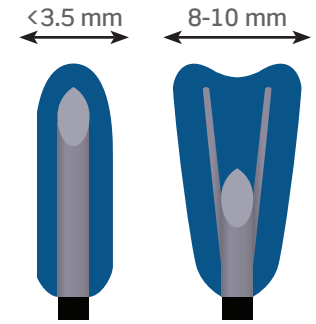
RF Re-Imagined

The Nimbus Multi-tined Expandable Electrode changes the way that RF procedures are performed. Incorporating a novel design, the Nimbus RF electrode facilitates a simple “down-the-beam” approach to deliver a consistently larger treatment area and shorter procedures times.

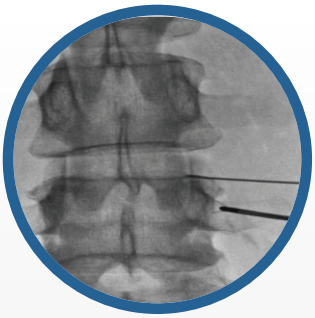
Why Nimbus RF?

- Predictable and easily reproducible large treatment area
- Directed therapy that spares collateral tissue
- Provides for meaningful sensory and motor stimulation
- Universally compatible with existing RF generators

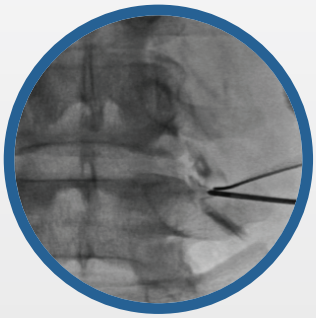
Treatment Size Matters



Expandable Tined Electrodes
Produce Lesion 8-10 mm in Diameter



Recorded temperature at the adjacent exiting spinal nerve = 37.3˚ C.



Recorded temperature at active tip = 74.7˚ C. (RF generator set for 75˚ C.)

Consistent

The Nimbus electrode diffuses RF energy through the expandable tines resulting in a predictable and reproducible spherical treatment footprint, as compared to conventional monopolar and bipolar methods.

Safe

Extensive safety and reliability testing demonstrates that the Nimbus electrode concentrates the current density and heat with little extension distal to the tines.

In vivo temperature mapping studies confirmed that the Nimbus electrode delivers a safe and effective thermal profile with neuro-destructive temperatures at the target tissue that spared the adjacent spinal nerves.