

Spectra's Reduced Advanced Force (RAF) Radiofrequency Needles

Spectra Medical Devices Inc. is the leading manufacturer of RF needles in the world, as a result of producing superior quality products and applying state-of-the-art technologies in full compliance with CGMP/QSR regulations. Spectra's RF needles can be used with various probes and generators. Spectra has the widest range of RF needles in the industry with over 100 configurations available.

Features and Options Available:

- 510(k) clearance
- CE 0413 marking
- Uses the highest tensile strength 304 stainless steel
- Customizable gauges, needle lengths and active tip lengths
- With or without hub
- Straight, curved, blunt or sharp tips
- Echogenic or non-echogenic
- Lubricated or non-lubricated
- Quincke bevel or lancet bevel
- Single use, disposable

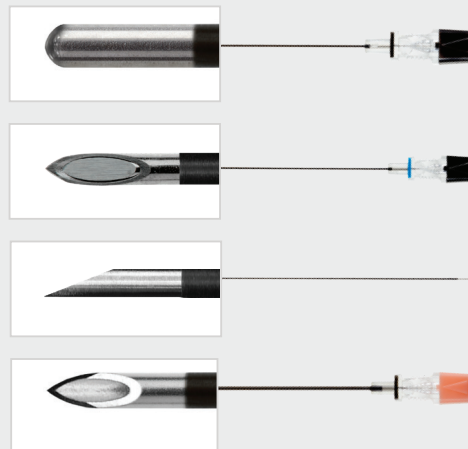
Sizes:

- 16GA, 18GA, 20GA, 21GA, 22GA
- Lengths: 5 cm, 10 cm, 15 cm, 20 cm
- Active Tip Lengths: 4 mm, 5 mm, 10 mm, 15 mm, 20 mm (custom sizes available upon request)

Application:

- Radio frequency lesioning

The Advantages of Reduced Advancement Force[®] Radiofrequency (RAF) Technology



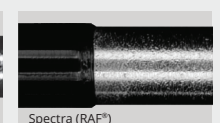
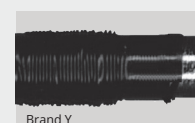
Straight or Curved



Blunt or Sharp Tips



Echogenic or Non-Echogenic



STRAIGHT SHARP

Spectra Short PN	Sharp/Blunt	Straight/Curved	Gauge	Length (cm)	Tip (mm)
SST181005NC	Sharp	Straight	18	10	5
SST181010NC	Sharp	Straight	18	10	10
SST181505NC	Sharp	Straight	18	15	5
SST181510NC	Sharp	Straight	18	15	10
SST200505NC	Sharp	Straight	20	5	5
SST201005NC	Sharp	Straight	20	10	5
SST201010NC	Sharp	Straight	20	10	10
SST201505NC	Sharp	Straight	20	15	5
SST201510NC	Sharp	Straight	20	15	10
SST201515NC	Sharp	Straight	20	15	15
SST201520NC	Sharp	Straight	20	15	20
SST210504NC	Sharp	Straight	21	5	4
SST210510NC	Sharp	Straight	21	5	10
SST211005NC	Sharp	Straight	21	10	5
SST211010NC	Sharp	Straight	21	10	10
SST220504NC	Sharp	Straight	22	5	4
SST220505NC	Sharp	Straight	22	5	5
SST220510NC	Sharp	Straight	22	5	10
SST221005NC	Sharp	Straight	22	10	5
SST221010NC	Sharp	Straight	22	10	10

LUBRICATED

Spectra Short PN	Sharp/Blunt	Straight/Curved	Gauge	Length (cm)	Tip (mm)
SCV180505SL	Sharp	Curved	18	5	5
SCV181005SL	Sharp	Curved	18	10	5
SCV181010SL	Sharp	Curved	18	10	10
SCV181505SL	Sharp	Curved	18	15	5
SCV181510SL	Sharp	Curved	18	15	10
SCV200505SL	Sharp	Curved	20	5	5
SCV200510SL	Sharp	Curved	20	5	10
SCV201005SL	Sharp	Curved	20	10	5
SCV201010SL	Sharp	Curved	20	10	10
SCV201505SL	Sharp	Curved	20	15	5
SCV201510SL	Sharp	Curved	20	15	10
SCV220505SL	Sharp	Curved	22	5	5
SCV220510SL	Sharp	Curved	22	5	10
SCV221005SL	Sharp	Curved	22	10	5
SCV221010SL	Sharp	Curved	22	10	10
SST180505SL	Sharp	Straight	18	5	5
SST181005SL	Sharp	Straight	18	10	5
SST181010SL	Sharp	Straight	18	10	10
SST181505SL	Sharp	Straight	18	15	5
SST201005SL	Sharp	Straight	20	10	5
SST201010SL	Sharp	Straight	20	10	10
SST201505SL	Sharp	Straight	20	15	5
SST201510SL	Sharp	Straight	20	15	10
SST211005SL	Sharp	Straight	21	10	5
SST211010SL	Sharp	Straight	21	10	10
SST220504SL	Sharp	Straight	22	5	4
SST220505SL	Sharp	Straight	22	5	5
SST220510SL	Sharp	Straight	22	5	10
SST221005SL	Sharp	Straight	22	10	5
SST221010SL	Sharp	Straight	22	10	10
SST221505SL	Sharp	Straight	22	15	5

CURVED SHARP

Spectra Short PN	Sharp/Blunt	Straight/Curved	Gauge	Length (cm)	Tip (mm)
SCV160506NC	Sharp	Curved	16	5	6
SCV160510NC	Sharp	Curved	16	5	10
SCV161010NC	Sharp	Curved	16	10	10
SCV161510NC	Sharp	Curved	16	15	10
SCV180505NC	Sharp	Curved	18	5	5
SCV181005NC	Sharp	Curved	18	10	5
SCV181010NC	Sharp	Curved	18	10	10
SCV181505NC	Sharp	Curved	18	15	5
SCV181510NC	Sharp	Curved	18	15	10
SCV200505NC	Sharp	Curved	20	5	5
SCV200510NC	Sharp	Curved	20	5	10
SCV201005NC	Sharp	Curved	20	10	5
SCV201010NC	Sharp	Curved	20	10	10
SCV201505NC	Sharp	Curved	20	15	5
SCV201510NC	Sharp	Curved	20	15	10
SCV201515NC	Sharp	Curved	20	15	15
SCV220504NC	Sharp	Curved	22	5	4
SCV220505NC	Sharp	Curved	22	5	5
SCV220510NC	Sharp	Curved	22	5	10
SCV221005NC	Sharp	Curved	22	10	5
SCV221010NC	Sharp	Curved	22	10	10

BLUNT

Spectra Short PN	Sharp/Blunt	Straight/Curved	Gauge	Length (cm)	Tip (mm)
SBC201005NC	Blunt	Curved	20	10	5
SBC201010NC	Blunt	Curved	20	10	10
SBC201505NC	Blunt	Curved	20	15	5
SBC201510NC	Blunt	Curved	20	15	10

ECHOGENIC

Spectra Short PN	Sharp/Blunt	Straight/Curve	Gauge	Length (cm)	Tip (mm)
SST201005EC	Sharp	Straight	20	10	5
SST201010EC	Sharp	Straight	20	10	10
SST201505EC	Sharp	Straight	20	15	5
SST201510EC	Sharp	Straight	20	15	10
SST210505EC	Sharp	Straight	21	5	5
SST210510EC	Sharp	Straight	21	5	10
SST211010EC	Sharp	Straight	21	10	10
SST221005EC	Sharp	Straight	22	10	5
SST221510EC	Sharp	Straight	22	15	10