

# NRG™ RF Transseptal Needle



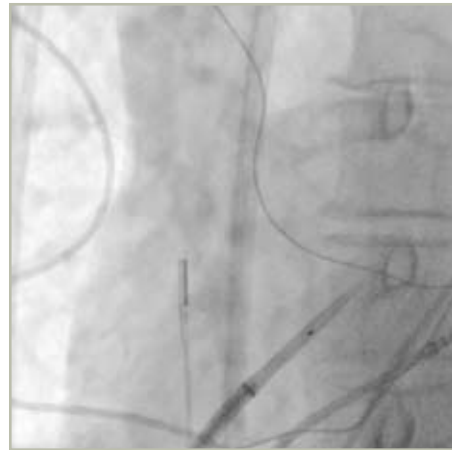
With NEW  
Radiopaque Tip

# NRG™ RF Transseptal Needle

INNOVATIONS IN TRANSEPTAL ACCESS

Baylis Medical is committed to innovations in transseptal punctures. Our transseptal products are designed to provide a smooth and controlled transseptal puncture.

## Radiopaque Tip

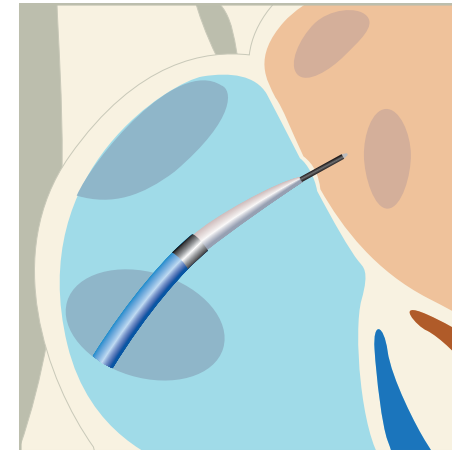


Identify tip in dilator



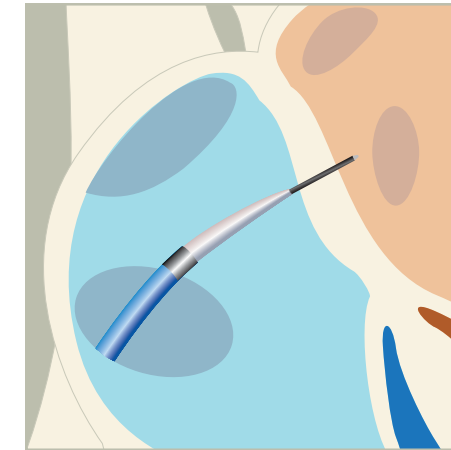
View tip in left atrium

## Superior Technology



### Cross thin aneurismal septum

Reduce the excessive tenting and risk of needle jump<sup>1</sup>



### Cross thickened, fibrotic septum

Reduce the force required<sup>1</sup>



### Faster procedure times

Reduce procedure<sup>1-2</sup> and fluoro-radiation<sup>1</sup> times

## Know exactly where the tip is at all times

- Visualize the needle tip's position both inside or outside the dilator
- Confidently guide the needle throughout the transseptal procedure
- Provide enhanced guidance when training fellows

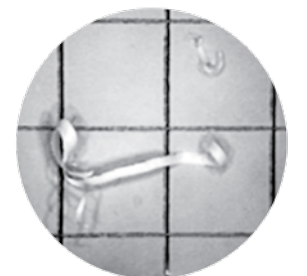
<sup>1</sup> Prospective comparison between conventional transseptal puncture and transseptal needle puncture with radiofrequency energy. Fromentin et al. — J Interv Card Electrophysiol. DOI 10.1007/s10840-011-9564-2

<sup>2</sup> The use of a radiofrequency needle improves the safety and efficacy of transseptal puncture for atrial fibrillation ablation. Winkle et al.— Heart Rhythm, Vol 8, No 9, September 2011

<sup>3</sup> Particle formation and risk of embolization during transseptal catheterization: comparison of standard transseptal needles and a new radiofrequency transseptal needle. Feld et al. — J Interv Card Electrophysiol. DOI 10.1007/s10840-010-9531-3



**Added benefit: No skiving**  
Reduce the creation of plastic particles and the risk of embolization<sup>3</sup>



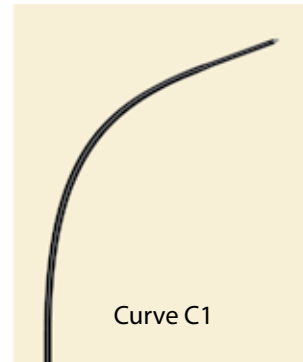
# NRG™ RF Transseptal Needle

PUNCTURE WITH RF ENERGY

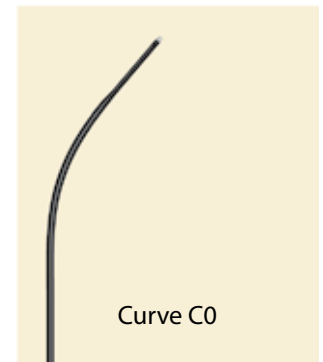
## Specifications

NRG™ RF Transseptal Needle Length	Curve C0	Curve C1	Compatible Transseptal Sheaths
56 cm	NRG-56-32-C0*	-	6F Small anatomy Fixed Curve — 48 cm
71 cm	NRG-71-C0	NRG-71-C1	8F or 8.5F Fixed Curve — 63 cm
89 cm	NRG-89-C0	NRG-89-C1	8F or 8.5F Fixed Curve — 81 cm 8F or 9F Steerable — 67 cm
98 cm	NRG-98-C0	NRG-98-C1	8.5F Steerable Curve — 71 cm

\*compatible with 0.032" dilator systems; Proximal Gauge 19 ga; Distal Gauge 22 ga.



Curve C1



Curve C0

- ▶ Proximal Gauge: **18 ga**
- ▶ Distal Gauge: **21 ga**
- ▶ The curves of the NRG™ RF Transseptal Needles mimic those of conventional needles
- ▶ Inner lumen for fluid injection and pressure waveforms
- ▶ Electrically insulated

## Accessories



### BMC Radiofrequency Generator

The RFP-100 Generator was designed specifically to deliver RF energy through the NRG™ RF Transseptal Needle to enable controlled advancement of the needle through the septal wall



### Connector Cable

The RFP-102 connector cable attaches the NRG™ RF Transseptal Needle to the RFP-100 RF Puncture Generator with a push-lock connector.



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CAUTION: Federal Law (USA) restricts the use of this device to or by the order of a physician.

Patents Pending and/or issued  
CAR1030 Rev 11/12

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