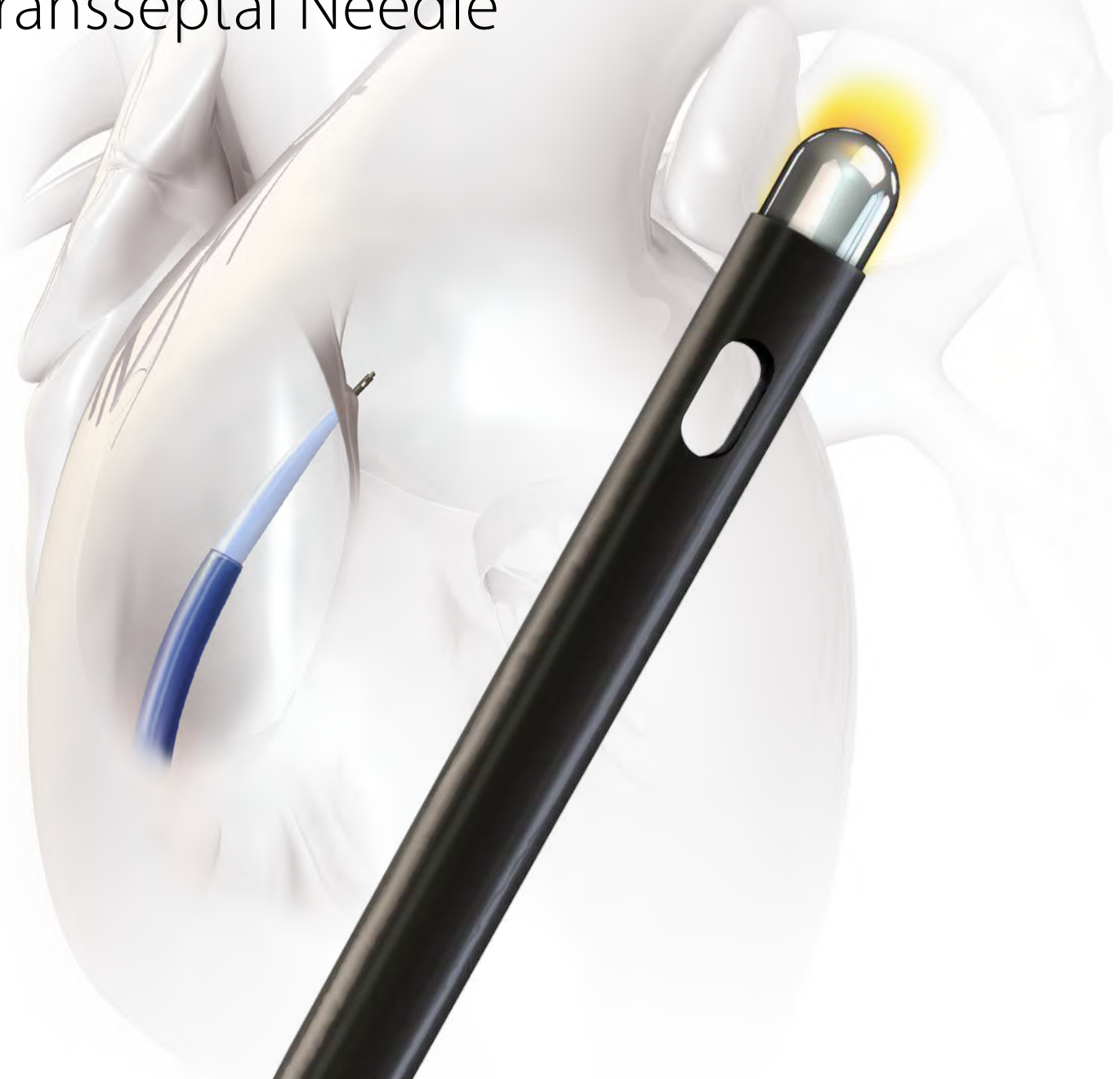


NRG[®]
Transseptal Needle

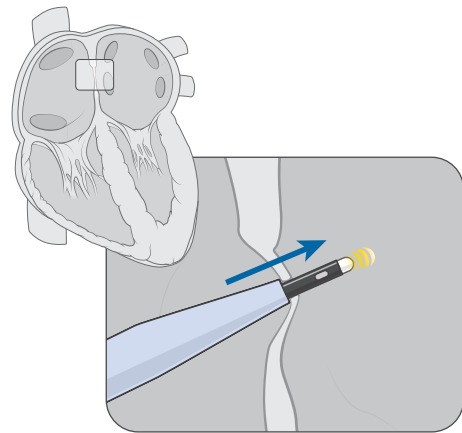


BE PRECISE. SAVE TIME.™

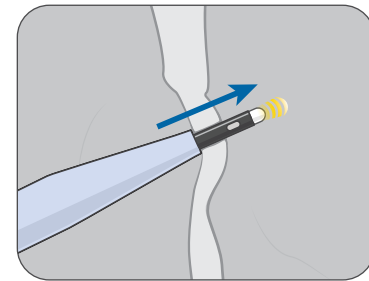
NRG® Transseptal Needle

The NRG® Transseptal Needle delivers a short and a highly focused radiofrequency (RF) energy pulse, allowing a transseptal puncture that is smooth and controlled. This unique RF feature enables a variety of benefits to the transseptal procedure.

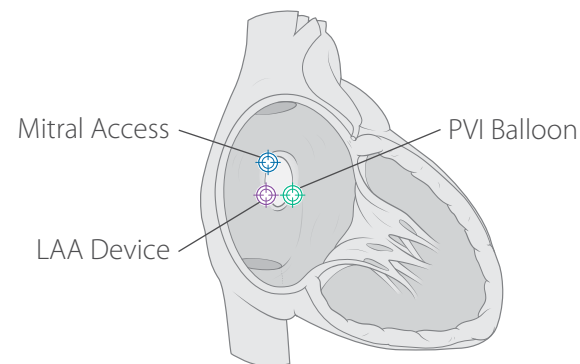
7 Reasons to use the NRG® Transseptal Needle



1 Cross thin aneurysmal septum while reducing excessive tenting¹



2 Cross fibrotic septum while reducing mechanical force²



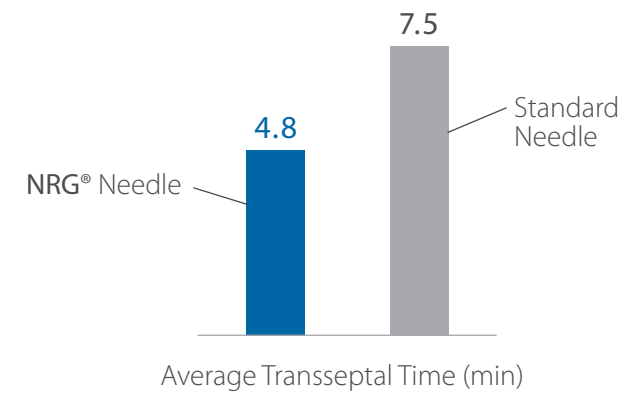
3 Cross the septum at precise locations



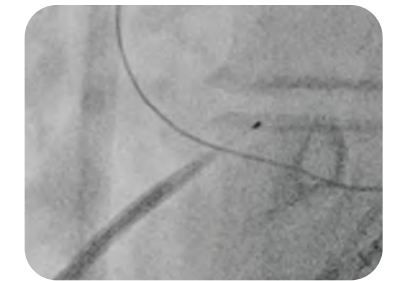
4 Rounded atraumatic tip reduces risk of skiving and embolism⁴

NRG® Transseptal Needle

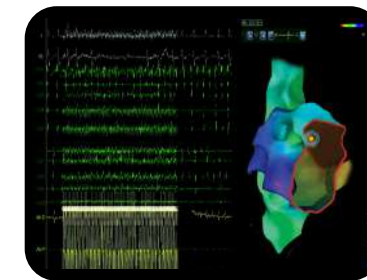
The NRG® Transseptal Needle delivers a short and a highly focused radiofrequency (RF) energy pulse, allowing a transseptal puncture that is smooth and controlled. This unique RF feature enables a variety of benefits to the transseptal procedure.



5 Reduce transseptal procedure and fluoroscopy time^{1,3} vs mechanical needle



6 Visualize needle tip exact location - radiopaque marker



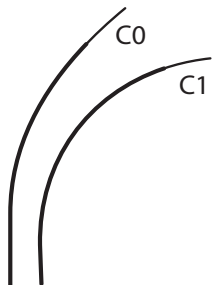
7 Visualize the NRG® Transseptal Needle on your mapping system

ACCESSORIES

- RFP-100A RF Generator
- TorFlex™ Transseptal Guiding Sheath
- RFX-BAY-TS Connector Cable
- ProTrack™ Pigtail Wire
- Grounding Pad

NRG® Transseptal Needle

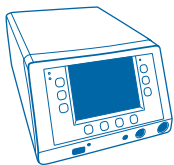
SPECIFICATIONS



Model	Product Number	Needle Length	Compatible Transseptal Sheaths
Curve C0	NRG-E-56-32-C0	56 cm*	6F Small Anatomy Fixed Curve - 48 cm
	NRG-E-HF-71-C0	71 cm	8F or 8.5F Fixed Curve - 63 cm
	NRG-E-HF-89-C0	89 cm	8.5F Fixed Curve - 81 cm
	NRG-E-HF-98-C0	98 cm	8.5F Steerable Curve - 71 cm
Curve C1	NRG-E-HF-71-C1	71 cm	8F or 8.5F Fixed Curve - 63 cm
	NRG-E-HF-89-C1	89 cm	8.5F Fixed Curve - 81 cm
	NRG-E-HF-98-C1	98 cm	8.5F Steerable Curve - 71 cm

Compatible with 0.032" dilator systems; *proximal gauge 19 ga, distal gauge 22 ga.

ACCESSORIES



RFP-100A RF Generator

Designed specifically to make a controlled puncture in tissue while causing little to no damage to surrounding tissue.



ProTrack™ Pigtail Wire

The ProTrack™ Pigtail Wire is designed to reduce the risk of perforation and prevent the loss of the left atrium access.



TorFlex™ Transseptal Guiding Sheath

The TorFlex™ Transseptal Guiding Sheath provides controlled movements in the left atrium due to its high torquability.



Grounding Pad

A disposable grounding pad acts as a return for the RF energy.



RFX-BAY-TS Connector Cable

A specifically designed push-lock system allows for a quick and secure connection between the NRG® Transseptal Needle and Generator.

¹Fromentin S, et al. J Interv Card Electrophysiol. doi:10.1007/s10840-011-9564-2
²Smalley MP, et al. J Cardiovasc Electrophysiol. doi: 10.1111/j.1540-8167.2009.01656.x
³Winkle RA, et al. Heart Rhythm. doi: 10.1016/j.hrthm.2011.04.032
⁴Feld GK, et al. J Interv Card Electrophysiol. doi: 10.1007/s10840-010-9531-3

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