



EmeryGlide™
MR Conditional Guidewire

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Safe by Design

- The EmeryGlide is constructed from a high strength core composite of glass fibers and polymers, protected by a double winding of aramid fibers embedded in polymer.
- There is a full body (tip to end) PTFE sleeve that minimizes intravascular friction and protects the tip and shaft from breakage.
- The distal tip of the EmeryGlide is marked with 3 discrete markers containing different nanoparticles that enable visibility under MRI as well as fluoroscopy.
- The passive markers are positioned 0cm, 2cm and 4cm from the straight or angled tip.

MR Conditional Statement

Non-clinical testing has demonstrated that the EmeryGlide MR Guidewire is MR Conditional.

A patient with this device can be safely scanned in an MR system meeting the following conditions:

- Static magnetic field of 1.5 or 3.0 T
- Maximum spatial field gradient of 3600 Gauss/cm (36.0 T/m) for 1.5 T systems
- Maximum spatial field gradient of 1800 Gauss/cm (18.0 T/m) for 3.0 T systems
- Maximum MR system reported, whole body averaged specific absorption rate (SAR) of 4.0 W/kg (First Level Operating Mode at 1.5 T)
- Maximum MR system reported, whole body averaged specific absorption rate (SAR) of 4.0 W/kg (First Level Operating Mode at 3.0 T)

Under the scan conditions defined above, EmeryGlide MR Guidewire is expected to produce a maximum temperature rise of less than 0.6 °C after 15 minutes continuous scanning.

In non-clinical testing, the image artifact caused by the device extends approximately 8 mm from the EmeryGlide MR Guidewire when imaged with a gradient echo pulse sequence and a 3 T MRI system.

Ordering Information

Reference Number	Tip Shape	Diameter (in)	Length (cm)	Case Quantity
CV-G-18035S	Straight	0.035	180	5
CV-G-18035A	Angled	0.035	180	5

Indications For Use

The EmeryGlide MR Guidewire is intended to direct a catheter to the desired anatomical location in the vasculatory system during diagnostic or interventional procedures.

Reference the IFU for a complete listing of indications, contraindications, warnings and precautions.



MR Conditional



Not made with PVC



Not made with DEHP



Not made with natural rubber latex

Rx only

EmeryGlide is a trademark of Nano4imaging GmbH

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