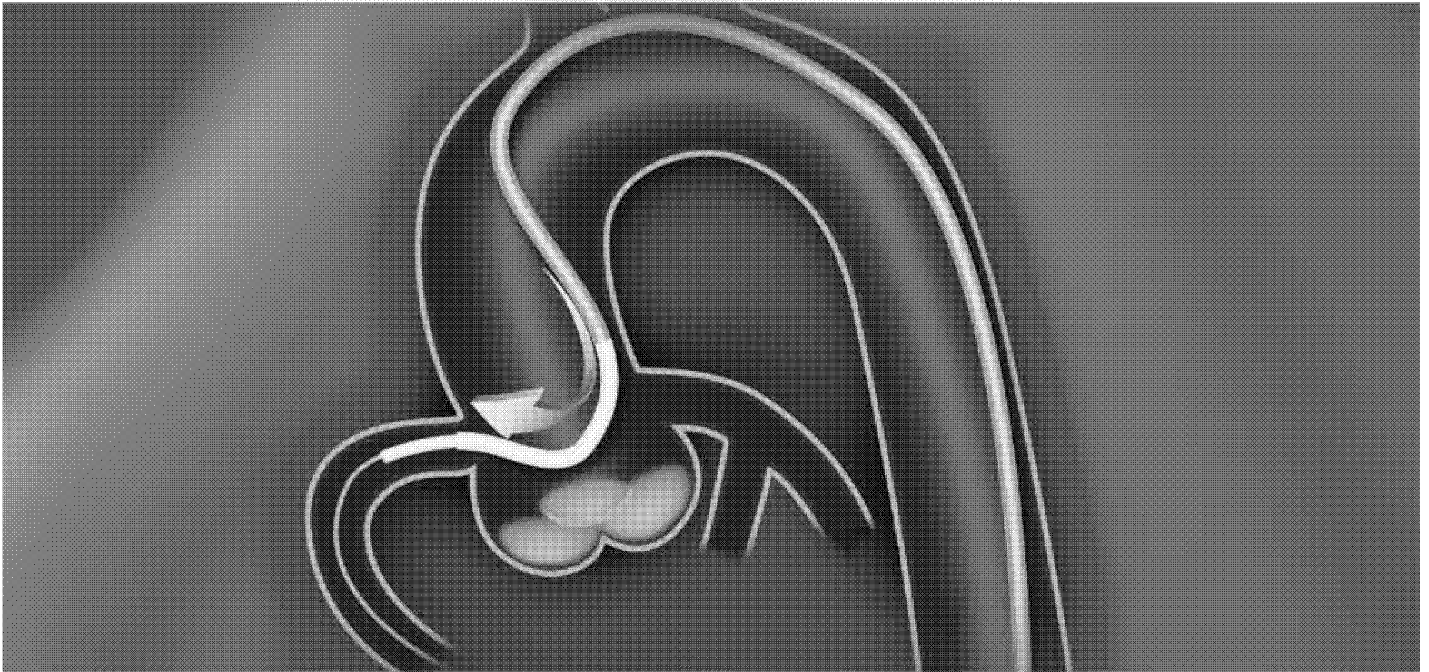
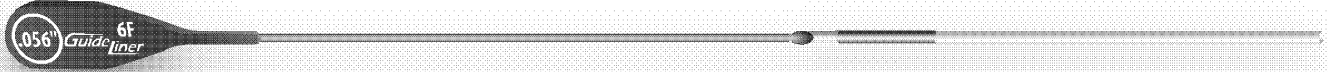


# *Guideline*<sup>®</sup> Catheter

*Coaxial guide extension with  
rapid exchange convenience*



- Flexible coaxial guide liner that allows guide extension into vessel for deep seating
- Simplified mother and child technique for use in challenging interventions
- Rapid exchange convenience



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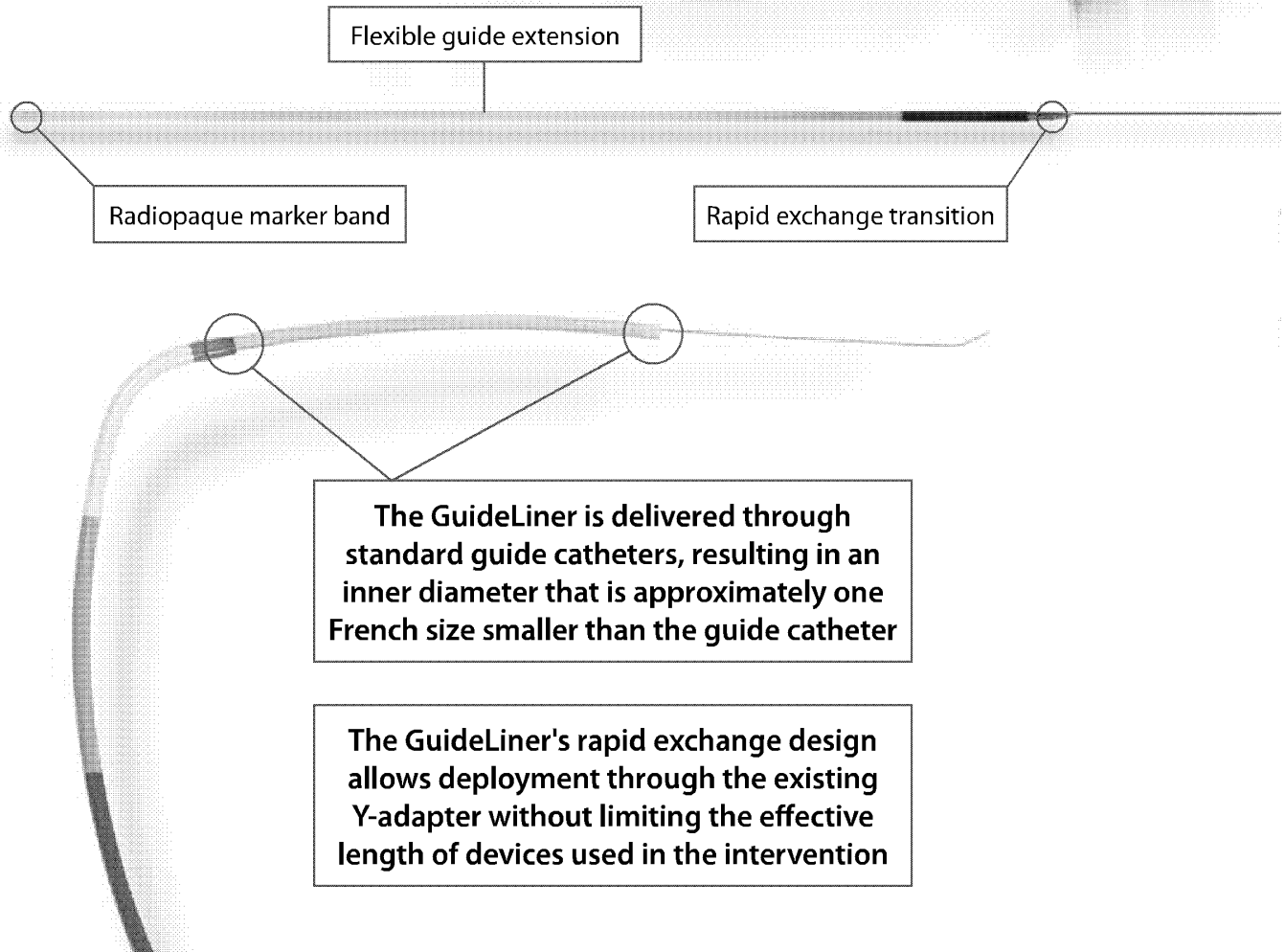
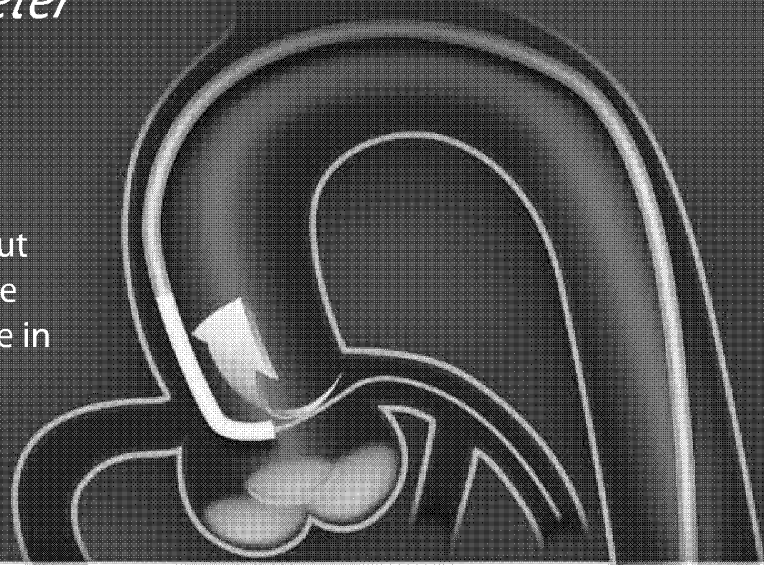
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# GuideLiner<sup>®</sup> Catheter

provides a rapid exchange

## THE PROBLEM

Guide catheters can back-out when resistance is met while advancing a catheter or wire in challenging interventions



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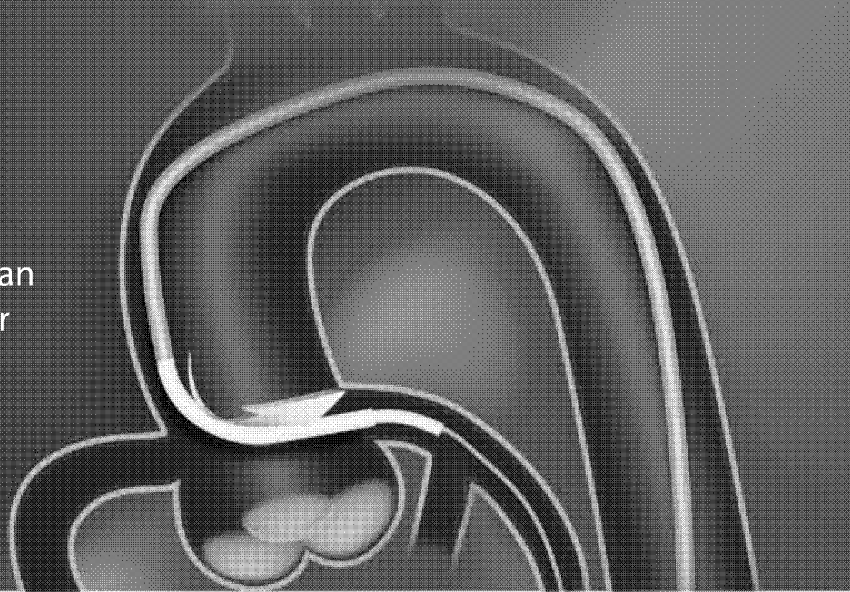
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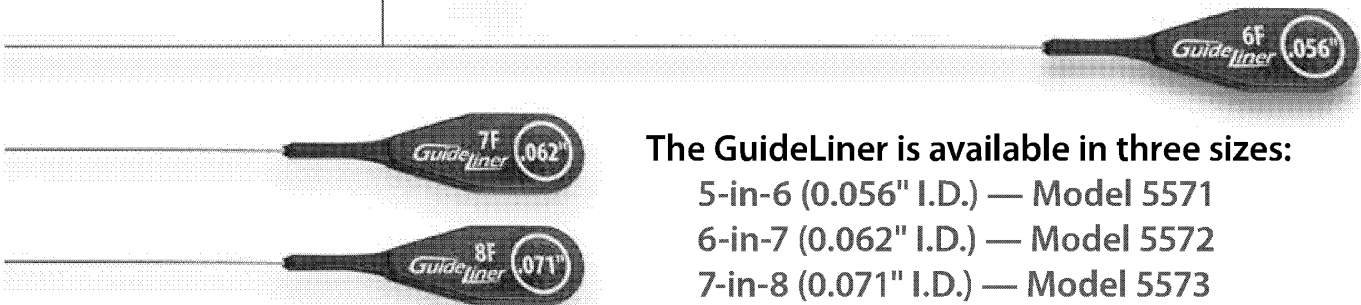
# ge guide extension for added backup support

## THE SOLUTION

The GuideLiner provides an extension of the guide for deep seating and added backup support



Delivery backbone

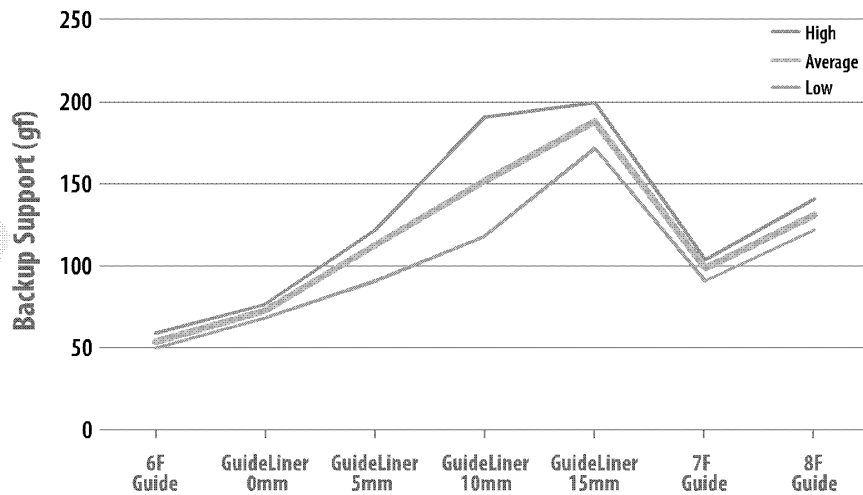


The GuideLiner is available in three sizes:

- 5-in-6 (0.056" I.D.) — Model 5571
- 6-in-7 (0.062" I.D.) — Model 5572
- 7-in-8 (0.071" I.D.) — Model 5573

Performance testing shows the 6F GuideLiner directly increases the mean backup support of 6F guide catheters

Test data on file at Vascular Solutions, Inc.

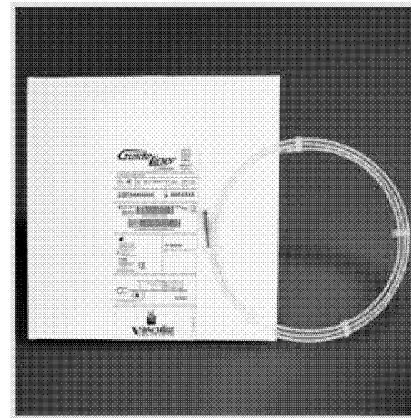


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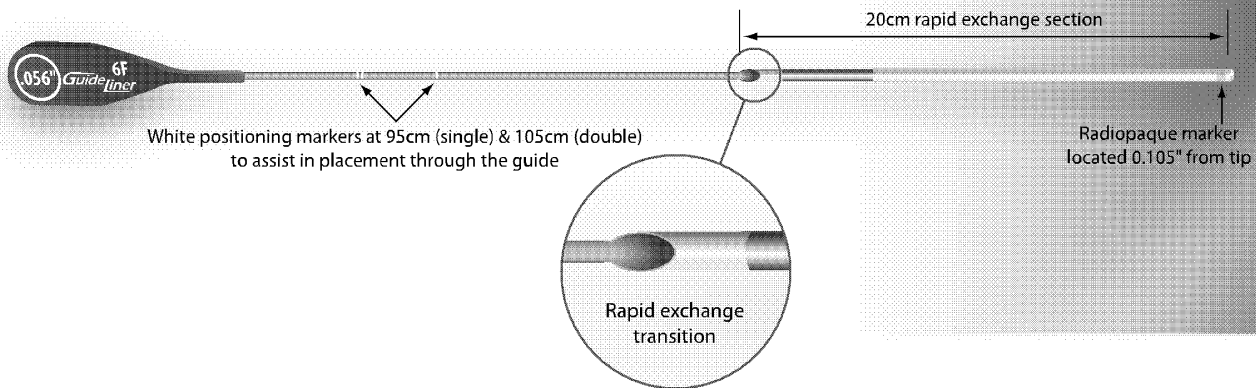
# GuideLiner<sup>®</sup> Catheter

GuideLiner catheters are intended to be used in conjunction with guide catheters to access discrete regions of the coronary and/or peripheral vasculature, and to facilitate placement and exchange of guidewires and other interventional devices.



Ordering Information*					
Model	Size	Required Guide Catheter I.D.	GuideLiner I.D.	Rapid Exchange Length	Working Length
5571	6F (5-in-6)	6F I.D. $\geq 0.070$ " (1.78mm)	0.056" (1.42mm)	20cm	145cm
5572	7F (6-in-7)	7F I.D. $\geq 0.078$ " (1.98mm)	0.062" (1.57mm)	20cm	145cm
5573	8F (7-in-8)	8F I.D. $\geq 0.088$ " (2.24mm)	0.071" (1.80mm)	20cm	145cm

\*Packaged in quantities of 1 unit per box.



Please see the Instructions for Use for a complete listing of the indications, contraindications, warnings and precautions.

CAUTION: Federal law (U.S.A.) restricts this device to sale by or on the order of a physician.

GuideLiner is a registered trademark of Vascular Solutions, Inc.

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ML2114 Rev. D 10/10



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