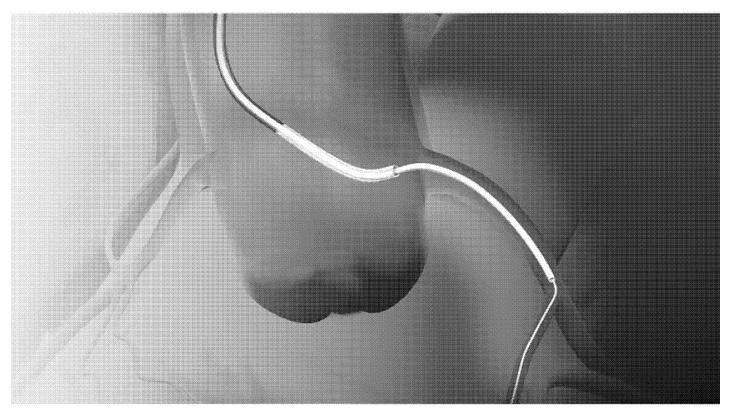
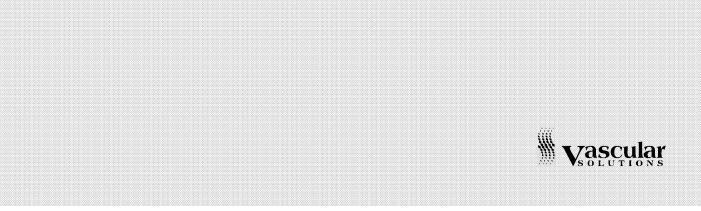


Rapid exchange guide extension Now with flexible all-polymer collar

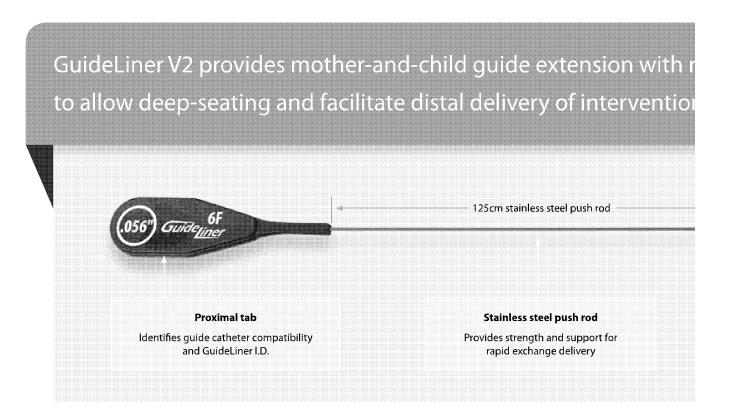




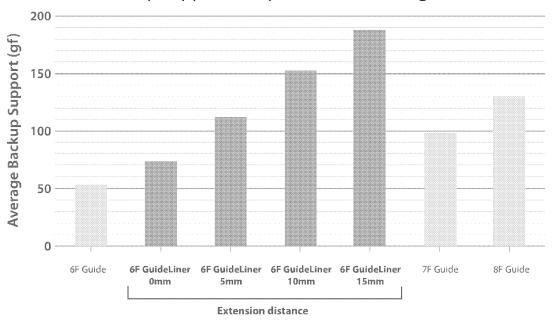


Attorneys Eyes Only VSI_00012666





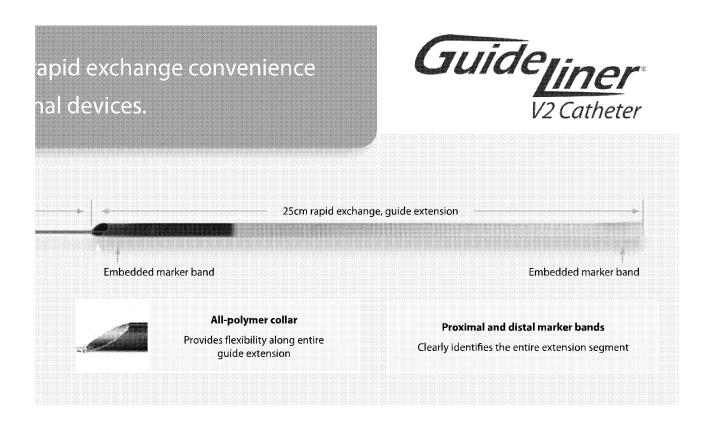
Bench testing demonstrates the 6F GuideLiner substantially increases backup support compared to standard guide catheters.



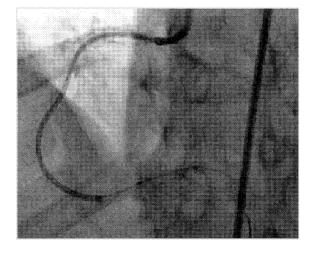
Test data on file at Vascular Solutions, Inc.

Attorneys Eyes Only VSI_00012667





Flexible guide extension



Deep seating with the GuideLiner facilitates device delivery through tortuous anatomy

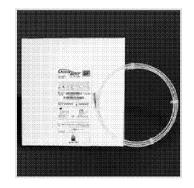
New **V2** Improvements

- All-polymer collar for increased flexibility
- New 5.5F size option for compatibility with all 6F guide catheters
- 5cm longer for additional extension

Attorneys Eyes Only VSI_00012668



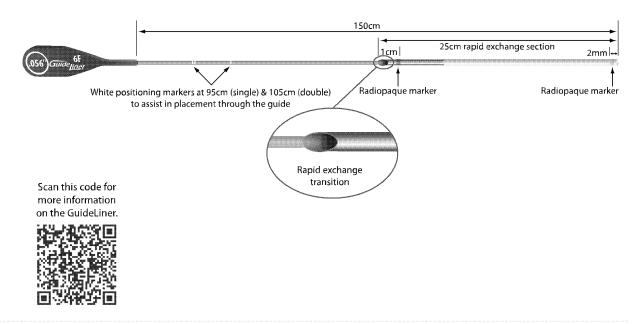




GuideLiner catheters are intended to be used in conjunction with guide catheters to access discrete regions of the coronary and/or peripheral vasculature, and to facilitate placement and exchange of guidewires and other interventional devices.

Ordering Specifications					
Model	Size	Required Guide Catheter I .D.	GuideLiner I.D.	Rapid Exchange Length	Working Length
5570	5.5F	6F I.D. ≥0.066" (1.68mm)	0.051" (1.30mm)	25cm	150cm
5571	6F	6F I.D. ≥0.070" (1.78mm)	0.056" (1.42mm)	25cm	150cm
5572	7F	7F I.D. ≥0.078" (1.98mm)	0.062" (1.57mm)	25cm	150cm
5573	8F	8F I.D. ≥0.088" (2.24mm)	0.071" (1.80mm)	25cm	150cm

^{*}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.

U.S. and International patents pending.

 $\label{thm:condition} Guide Liner is a registered trademark of Vascular Solutions, Inc.$

 $@2011\ \mbox{Vascular}$ Solutions, Inc. All rights reserved. ML2515 Rev. A 10/11



Vascular Solutions, Inc. 6464 Sycamore Court Minneapolis, Minnesota 55369 USA

Customer Service: United States: 888.240.6001 International: (001) 763.656.4298 customerservice@vasc.com www.vasc.com

Attorneys Eyes Only VSI_00012669

