

CLOSURE DEVICES						
Company	Product	Type	Puncture Size (F)	Maximum Wire Compatability	FDA Approved	Comments
Abbott Vascular	Perclose A-T	Suture	5-8	n/a	Yes	Automated knot for vascular closure of 5-8-F access sites.
	Perclose Closer S	Suture	5-8	n/a	Yes	Allows operator to tie knot.
	Perclose ProGlide	Suture	5-8	n/a	Yes	Monofilament suture. Automated knot tying.
	Perclose Prostar	Suture	6.5-10	n/a	Yes	Prostar XL 10 designed to close up to 10-F access sites.
Cardiva Medical, Inc.	Boomerang Closurewire	Arteriotomy tamponade	5, 6	Works through existing sheath	Yes	Easily deployed device for a broad range of patients that provides quick ambulation without risk of implant complications.
Datascope	Elite	Advaced collagen plug	5-8	n/a	Yes	A one-size-fits-all, extravascular closure device indicated for use in interventional and diagnostic procedures in highly anti-coagulated patients and those with PVD.
	VasoSeal Low Profile	Collagen plug	4, 5	n/a	Yes	Available in five kit sizes for angiography procedures.

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CLOSURE DEVICES (CONTINUED)

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Datascope	VasoSeal VHD	Collagen plug	8 or smaller	n/a	Yes	Extravascular closure. Available in seven kit sizes for interventional and diagnostic procedures.
	X-Site suture-mediated closure	Suture	6	.038	Yes	New suture-based closure without intra-arterial mechanical components. Low-profile design. Proven in highly anticoagulated patients, including GP IIb/IIIa. The next generation X-Site device is currently under development.
Sutura	SuperStitch	Polypropylene	6-8	n/a	Yes	True 6-F and 8-F suture delivery through the sheath. Does not enlarge arteriotomy. Mid 2006 expected release of 12/16 F and 18/24 F.
St. Jude Medical	Angio-Seal	Mechanical seal	6, 8	6 F=.035 8 F=.038	Yes	STS Plus & STS Platform available in US. Millenium Platform also available outside US.
Vascular Solutions, Inc.	Duett	Thrombin and collagen pro-coagulant	5-9	n/a	Yes	Utilizes the existing sheath, a balloon catheter, and a procoagulant to achieve hemostasis. Approved for use with GP IIb/IIIa inhibitors and ACT of <400.