

CLOSURE AND ASSISTED-COMPRESSION DEVICE U

CLOSURE DEVICES

Company	Product	Type	Puncture Size (F)
Abbott Vascular Devices	Perclose Auto-Tie	Suture	5 - 8
	Closer S	Suture	5 - 8
	Prostar	Suture	6.5 - 10
AccessClosure, Inc.	Matrix VSG System	Resorbable Hydrogel	5 - 7
AngioLink	EVS Vascular Closure System	Staple	6 - 8
DataScope	Elite	Advanced Collagen Plug	5 - 8
	VasoSeal Low Profile	Collagen Plug	4, 5
	VasoSeal VHD	Collagen Plug	8 or smaller
Rex Medical	Auto-Close	Low-Profile Nitinol Clip	5 - 8
St. Jude Medical	Angio-Seal	Mechanical Seal	6, 8
Sub-Q, Inc.	QuickSeal	Porcine Gelatin Sponge; Q-Foam	8 or smaller
Therus / Boston Scientific	SoundSeal	Noninvasive Acoustic Hemostasis	4 - 8
Vascular Solutions	Duett	Thrombin/Collagen Procoagulant	5 - 9
X-Site Medical, LLC	X-PRESS Vascular Closure System	Suture	6 or smaller

ASSISTED-COMPRESSION DEVICES

Company	Product	Type	Puncture Size (F)
Abbott Vascular	Chito-Seal	Topical Hemostasis Pads/Patches	All
Datascope	Safeguard	Pressure-Assisted Dressing	All
Medafor, Inc.	MPatch	Topical Hemostatic Pad/Patch	All
Marine Polymer Technologies	Syvek Patch	Topical Hemostasis Pads/Patches	All
RADI Medical Systems	FemoStop Plus	Mechanical Compression Devices	All
	FemoStop HD	Mechanical Compression Devices	All
	RadiStop	Mechanical Compression Devices	All
Scion CV / Medtronic	Clo-Sur Plus P.A.D.	Topical Hemostasis Pads/Patches	All
TZ Medical	Neptune	Topical Hemostasis Pads/Patches	All
	Comfort Band	Compression Strap	All
	QuickKlamp	Mechanical Compression Devices	All
	EZ Hold	Mechanical Compression Devices	All
	Disco Discs	Mechanical Compression Devices	All
Vascular Solutions	D-Stat Dry	Thrombin-coated Topical Hemostasis Pad	All
	D-Stat Radial	Topical/Mechanical Compression With Thrombin	N/A

Maximum Wire Compatibility (inch)	FDA Cleared	CE Mark	Comments
.038 or smaller	Yes	Yes	No reaccess restrictions if previous arteriotomy repairs were achieved with Abbott Vascular SMC devices.
.038 or smaller	Yes	Yes	N/A
.038 or smaller	Yes	Yes	N/A
.038	No	Yes	Designed to be nonthrombogenic, have little to no oozing, be fully resorbable, and for immediate reaccess. Pivotal trial in progress. Launch expected in early 2005.
.038	Yes	Yes	Designed to achieve extravascular closure by pursing the outer layers of the vessel. Inert and highly biocompatible. Does not prohibit vessel reaccess. Launch expected in late 2004.
N/A	Yes	Yes	A one-size-fits-all, extravascular closure device indicated for use in interventional and diagnostic procedures in highly anticoagulated patients and those with PVD.
N/A	Yes	No	Available in five kit sizes for angiography procedures.
N/A	Yes	Yes	Extravascular closure. Available in seven kit sizes for interventional and diagnostic procedures.
.038 or smaller	No	No	Low-profile nitinol clip technology with resorbable patch. US launch expected in late 2005; international launch expected in late 2004.
6 F - .035; 8 F - .038	Yes	Yes	STS Plus and STS Platform available in the US. Millenium Platform also available outside the US.
N/A	Yes	Yes	Extravascular over-the-wire device; can be used on severe PVD patients.
All	No	No	Uses high-intensity focused ultrasound to close femoral arteriotomies. No foreign body left behind. US launch expected in 2005, CE Mark in Q4 '04.
	Yes	Yes	Does not upsize arteriotomy.
.038	Yes	Yes	Suture-based mechanical closure without moving intravascular components.

Maximum Wire Compatibility (inch)	FDA Cleared	CE Mark	Comments
All	Yes	Yes	Accelerates hemostasis. Reduces compression times.
N/A	Yes	Yes	For posthemostasis management. Provides adjustable, hands-free pressure via an integrated, transparent, inflatable bulb, allowing visibility of the site.
All	Yes	Yes	Provides safe and rapid hemostasis. Reduces manual compression time.
All	Yes	Yes	N/A
All	Yes	Yes	Precise and consistent compression while allowing immediate reaccess to the femoral site.
All	Yes	No	Includes a sterile, hemostatic dressing impregnated with m*doc. Deep and topical hemostasis and immediate reaccess to the femoral site.
All	Yes	Yes	Support plate provides comfortable and efficient positioning of the wrist and mechanical compression and stabilization of the radial artery.
All	Yes	Yes	High positive charge attracts negatively charged red blood cells. Water-soluble. Noninvasive PAD is only device FDA approved as an antimicrobial barrier PAD.
All	Yes	No	Calcium alginate wound dressing.
All	Yes	No	Radial/brachial strap. Comes sterile or nonsterile, with or without Neptune calcium alginate.
All	Yes	No	To be used with the Neptune Disc or Disco Discs. Inexpensive C-Clamp alternative to holding manual pressure.
All	Yes	No	To be used with the Neptune Disc or Disco Discs. Eliminates the long-term effects of holding manual pressure. Reuseable.
All	Yes	No	Works with all clamp systems on the market. Inexpensive single-use item.
No wire required	Yes	Yes	N/A
N/A	Yes	Yes	N/A