CLOSURE DEVICES

Company Name	Product Name	Type	Puncture Size (F)	Maximum Wire Compatibility	Comments
Abbott Vascular	Perclose A-T Suture-Mediated Closure System	Suture	5–8	0.038	Not provided
	Perclose ProGlide Suture-Mediated Closure System				
	Prostar XL Percutaneous Vascular Surgical System		8.5–10		
	StarClose SE	Nitinol Clip	5, 6		
AccessClosure, Inc.	Mynx Cadence Vascular Closure Device	Extravascular sealant	6, 7	Utilizes existing procedural sheath	Next-generation Mynx offers smoother deployment while maintaining the benefits of the Mynx; new features include a definitive shuttle stop when deploying the sealant and a single marker indicating completion of sealant compression, which improve accuracy and consistency of deployment; device allows users to eliminate a step in preparing the device for use; patient-friendly; delivers extravascular, conformable PEG sealant that provides a durable hemostasis and dissolves within 30 days, leaving nothing behind
			5		A true 5-F closure device; provides the same benefits as Mynx Cadence 6 F/7 F; delivers extravascular, conformable PEG sealant through the existing 5-F procedure sheath; provides a durable hemostasis and dissolves within 30 days, leaving nothing behind

CLOSURE DEVICES (CONTINUED)

Company Name	Product Name	Type	Puncture Size (F)	Maximum Wire Compatibility	Comments
Cardiva Medical, Inc.	Cardiva Catalyst II	Arteriotomy tamponade	5, 6, 7	Works through existing sheath	Catalyst II supports the body's natural healing process with a deployable nitinol disc that provides temporary hemostasis at the arteriotomy, allowing it to recoil to the size of an 18-gauge needle; hemostatic coating on the wire accelerates the clotting cascade quickly facilitating vessel closure, preserving the artery, and leaving nothing behind
	Cardiva Catalyst III	Arteriotomy tamponade for use with patients receiving heparin			Catalyst III expands on Catalyst II technology with the addition of a protamine sulfate coating in patients receiving heparin; this coating acts to locally neutralize the effects of heparin in the tissue tract at the puncture site and further aid the body's natural healing process
Interventional Therapies	Quick-Close	Suture	5, 6, 7, 8	0.038	Quick-Close is approved for use in femoral arteriotomy closure in both diagnostic and interventional endovascular procedures using 5- to 8-F sheaths; Quick-Close, by design, allows for simple, verifiable, and consistently safe vascular closure with the additional safety of a monofilament suture closure
Morris Innovative, Inc.	FISH (Femoral Introducer Sheath and Hemostasis) Device	Biomaterial (SIS) seal allows for remodeling of host tissue at the arteriotomy	5, 6, 7, 8	Works through existing sheath	Combines a unique biologic material (used in other parts of the body for healing) to safely achieve rapid hemostasis at the arterial puncture site; standard introducer sheath with integrated biologic material (SIS) for easy insertion by the clinician; provides the option of sheath removal when and where it is most ideal for the patient and staff
Nobles Medical Technology	SuperStitch	Polypropylene suture and knot	6–12	Works through existing sheath	True 6- and 8-F suture delivery through the sheath; does not enlarge arteriotomy; available in 6-, 8-, 12-F, as well as 12-F extended length
St. Jude Medical, Inc.	Angio-Seal VIP, Angio-Seal STS Plus	Mechanical seal	6, 8	6 F, 0.035; 8 F, 0.038	Suture, collagen, and anchor sandwich of the arteriotomy; all components reabsorb within 90 days; FDA labeling for immediate restick; FDA labeling for 20-minute ambulation and 60-minute discharge for diagnostic cases
	Angio-Seal Evolution		6, 8		Next-generation Angio-Seal with automated collagen compaction and enhanced ease-of-use design; suture, collagen, and anchor sandwich of the arteriotomy; all components reabsorb within 90 days; FDA labeling for immediate restick; FDA labeling for 20-minute ambulation and 60-minute discharge for diagnostic cases
Vascular Solutions, Inc.	Duett Pro, Diagnostic Duett Pro	Thrombin and collagen procoagulant	5–9	Works through existing sheath	Utilizes the existing sheath, a balloon catheter, and a procoagulant to achieve hemostasis; Duett Pro is approved for use with glycoprotein IIb/IIIa inhibitors and ACT of ≤ 400

ACT, activated clotting time; PEG, polyethylene glycol.