

Winner of the
2008 EACTS Techno-College Award for Best Breakthrough
in the Field of Thoracic and Cardiovascular Surgery

A new, simple, atraumatic device
 for clampless vascular surgery

LeGoo™ internal vessel occluder

No radial pressure (unlike clamps, loops or balloons) to prevent intimal damage to the vessel

Minimizes dissection

Uniquely conforms to any vessel shape, regardless of the degree of atherosclerosis or calcification

Prevents back bleeding from side-branches and collaterals to create a bloodless surgical field

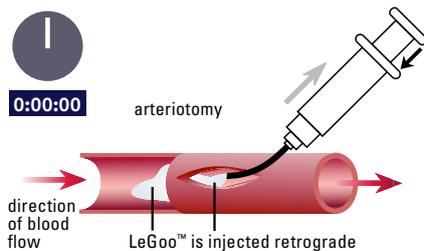
Can be dissolved at will and does not need to be removed before completion of an anastomosis

Stents vessel for easier suturing and can be sewn through

Easy to apply

The surgeon creates an arteriotomy and injects LeGoo™ retrograde while withdrawing the cannula.

At room temperature LeGoo™ is a soft gel and is easy to inject.



Prevents blood from oozing through the anastomosis

Within seconds, the higher temperature inside the vessel causes LeGoo™ to form a plug that prevents blood flow.



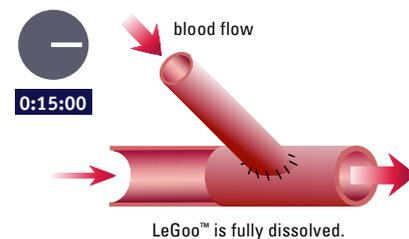
Easier to create anastomosis

LeGoo™ keeps the vessel cylindrical to ease sewing and can be sewn through.

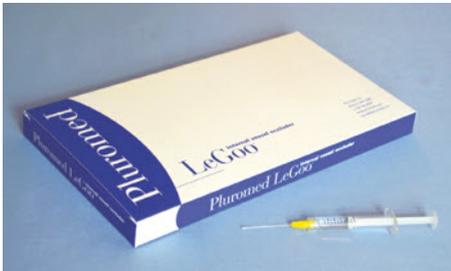


Dissolves after the procedure

Applying ice causes dissolution. Blood flow is naturally restored as the plug of LeGoo™ dissolves.



Designed and CE-marked for transient occlusion of blood vessels



For years surgeons have been looking for a simpler, atraumatic method to control bleeding during surgery. Ideally, this method would also prevent back-bleeding from side branches and collaterals and not require removal before completion of the anastomosis.

LeGoo is a water-soluble gel that forms a plug at body temperature, which conforms to any vessel shape. LeGoo temporarily stents the vessel to facilitate constructing the anastomosis and allows for suturing directly through the gel. LeGoo does not need to be removed before completing the anastomosis. Upon completion, LeGoo is dissolved by applying ice directly to the vessel.

Once dissolved, LeGoo cannot reform a gel because the concentration is too low. The diluted material passes through the microcirculation and is excreted in urine.

Ordering Information [contact sales@piersonsurgical.com](mailto:sales@piersonsurgical.com)

Guide for Selecting Volume of LeGoo*								
1st	Assess vessel inner diameter (mm)	1.5 - 2	2 - 3	3 - 4	4 - 5	5 - 6	6 - 7.5	7.5 - 9
2nd	Select catalog number	10-0025 or 20-0025	10-0025 or 20-0025	10-0050 or 20-0050	10-0100	10-0250	10-0500	10-1000
3rd	Inject approx. this volume of LeGoo	0.02 - 0.06 mL	0.06 - 0.15 mL	0.2 - 0.4 mL	0.5 - 0.8 mL	1.0 - 1.4 mL	2.0 - 3.0 mL	4.0 - 6.0 mL
4th	Plug should be approx. this length	2 cm	2 cm	3 cm	4 cm	5 cm	7 cm	9 cm

Available cannulas: 40 mm/20 gauge, and 80 mm/20 gauge. Inquire for other options.

* Guidance only. See IFU (Instructions for Use).

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