

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

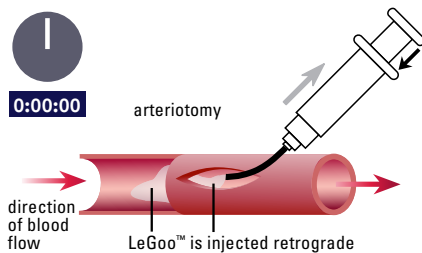
LeGoo™ internal vessel occluder

- 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

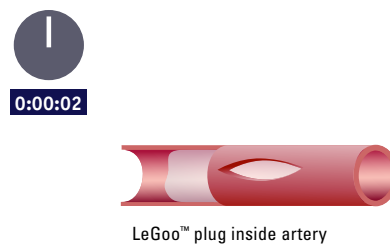
The surgeon creates an arteriotomy and injects LeGoo™ retrograde while withdrawing the cannula.

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.



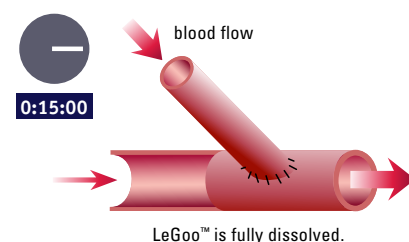
Easier to create anastomosis

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

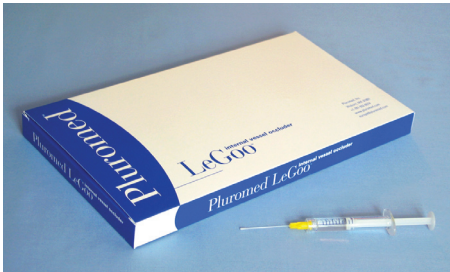


Dissolves after the procedure

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 europe@pluomed.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).