

COUPLER™

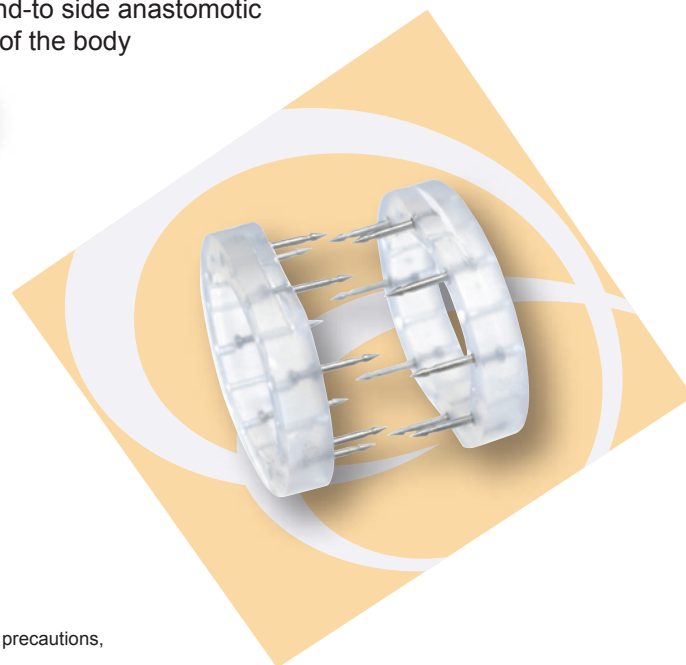
Safe, Fast, Easy Way to Perform Microvascular Anastomoses™

The GEM Microvascular Anastomotic COUPLER Device and System have been specifically designed for use in the anastomosis of veins and arteries normally encountered in microsurgical procedures.

The GEM COUPLER rings are made of high density polyethylene and surgical grade stainless steel pins, intended for use with veins and arteries having an outside diameter no smaller than 0.8mm and no larger than 4.3mm and a wall thickness of 0.5mm or less.

The COUPLER has several distinct advantages*

- Time savings versus hand suturing which means reduced ischemic time for the flap, less exposure to anesthesia, and less OR time
- Intima-to-intima contact without any intraluminal foreign (suture) material which should decrease the rate of thrombosis
- Anastomoses are 50% stronger than sutured anastomosis at 4 months, and may benefit from the scaffold effect of the rings which prevent the vessel wall from collapsing
- Manages vessel size mismatches better than traditional suturing techniques
- Several large series have documented the simplicity and dependability of this device in both end-to end and end-to side anastomotic configurations, for use in various parts of the body



*References on file
Rx Only. See instructions for use for indications, warnings, precautions, side effects and contraindications.

COUPLER™

Safe, Fast, Easy Way to Perform Microvascular Anastomoses™

The GEM Microvascular Anastomotic COUPLER System consists of a reusable Anastomotic Instrument, reusable COUPLER Forceps, and a reusable Double-Ended Vessel Measuring Gauge. The GEM COUPLERS are sterile, intended for single-patient use only, and are available in seven sizes.

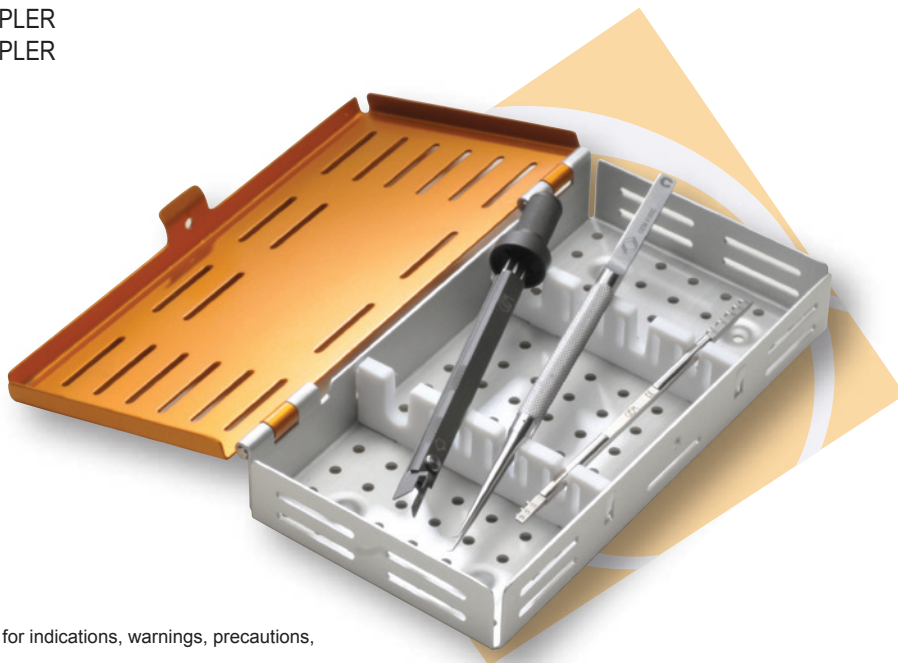
Ordering Information

Microvascular Anastomotic Coupling (MAC) System

- GEM2741CC** Complete System includes the following components:
- GEM2740** Reusable, Titanium-Tipped Anastomotic Instrument
- GEM2745** Anodized Aluminum Sterilization Tray
- GEM2749** Non-Glare Stainless Steel Double-Ended Vessel Measuring Gauge
- GEM4183C** COUPLER Forceps (2), 18cm – For everting the vessel over the pins

GEM COUPLERS – Available in Single Units or in a Box of 6

- GEM2750** 1.0mm COUPLER
- GEM2751** 1.5mm COUPLER
- GEM2752** 2.0mm COUPLER
- GEM2753** 2.5mm COUPLER
- GEM2754** 3.0mm COUPLER
- GEM2755** 3.5mm COUPLER
- GEM2756** 4.0mm COUPLER



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