

MICROVASCULAR ANASTOMOTIC COUPLER

Shown to be a fast method for Microvascular Anastomosis

The Microvascular Anastomotic COUPLER System has been specifically designed for use in the anastomosis of veins and arteries normally encountered in microsurgical procedures. The COUPLER is 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.¹

FEATURES & BENEFITS

- Anastomosis—Intima-to-intima contact without any intraluminal foreign (suture) material which may decrease the rate of thrombosis¹
- Versatility— Manages vessel size mismatches. Simplicity and dependability in both end-to-end and end-to-side anastomotic configurations¹

INDICATIONS FOR USE:

The Microvascular Anastomotic COUPLER Device is intended to be used in the anastomosis of veins and arteries normally encountered in microsurgical procedures only in the peripheral vascular system. The Microvascular Anastomotic COUPLER Device is intended for use with veins and arteries having an outside diameter no smaller than 0.8 mm and no larger than 4.3 mm and a wall thickness of 0.5 mm or less. The degree of vessel spasm and the elasticity of the vessel should be considered when choosing the COUPLER Device size to be used. Use a Vessel Measuring Gauge to approximate the OUTER diameter of the vessel for selection of an appropriate COUPLER Device size.

CONTRAINDICATIONS:

The COUPLER Device is not indicated for use in patients presenting conditions that would normally preclude microvascular repair with suture technique. Examples of such conditions include, but are not limited to:

- Pre-existing or suspected peripheral vascular disease
- Ongoing irradiation of the area of reconstruction
- Clinical infection of the area of reconstruction
- Anticipated infection due to significant contamination of the area of reconstruction
- Friability of the vascular tissue due to sclerotic conditions
- Concurrent diabetes mellitus
- Concurrent corticosteroid therapy

Reference:

1. Microvascular Anastomotic COUPLER Device and System IFU. Synovis Micro Companies Alliance, Inc.

MICROVASCULAR ANASTOMOTIC COUPLER



ORDERING INFO

COUPLER SYSTEM

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|--------------|--|
| GEM2741CC | Complete System includes (2) COUPLER Forceps and the following: |
| GEM2740 | Reusable, Titanium-Tipped Anastomotic Instrument |
| GEM2745 | Anodized Aluminum Sterilization Tray |
| GEM2749 | Non-Glare Stainless Steel Double-Ended Vessel Measuring Gauge |
| GEM4183C | (2) COUPLER Forceps, 18cm, for everting the vessel over the pins |
| GEM2551-CS | Single layer tray – Includes: Anastomotic Instrument, (2) COUPLER Forceps, Measuring Gauge & (2) MicroClip appliers 15cm |
| GEM2551-2-CS | Double layer tray – Includes: Anastomotic Instrument, (2) COUPLER Forceps, Measuring Gauge & (2) MicroClip appliers 15cm |
| GEM2750 | 1.0 mm COUPLER (gray) 6 per box |
| GEM2751 | 1.5 mm COUPLER (blue) 6 per box |
| GEM2752 | 2.0 mm COUPLER (green) 6 per box |
| GEM2753 | 2.5 mm COUPLER (red) 6 per box |
| GEM2754 | 3.0 mm COUPLER (yellow) 6 per box |
| GEM2755 | 3.5 mm COUPLER (purple) 6 per box |
| GEM2756 | 4.0 mm COUPLER (orange) 6 per box |
| GEM2750/I | 1.0 mm COUPLER (gray) single, 1 each |
| GEM2751/I | 1.5 mm COUPLER (blue) single, 1 each |
| GEM2752/I | 2.0 mm COUPLER (green) single, 1 each |
| GEM2753/I | 2.5 mm COUPLER (red) single, 1 each |
| GEM2754/I | 3.0 mm COUPLER (yellow) single, 1 each |
| GEM2755/I | 3.5 mm COUPLER (purple) single, 1 each |
| GEM2756/I | 4.0 mm COUPLER (orange) single, 1 each |