# Anastomark<sup>®</sup> Coronary Artery Bypass Graft Markers











# **Designed for Confident Visualization**

# **Radiopaque rings** produce clear X-ray visualization of coronary bypass anastomosis sites

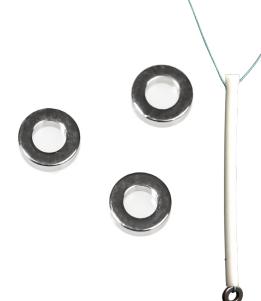
#### **Flexible Proximal Markers**

The flexible proximal marker is molded silicone elastomer impregnated with tungsten powder, **10 mm internal diameter**. Three depressions indicate suture placement.

The **circumferential marker encircles the anastomosis** to provide a "target" for the cardiologist. A groove shows where to cut the ring, giving you the option of placing it after the anastomosis.

(MR Conditional)

Suture sites



#### **Stainless-Steel Distal Markers**

The distal markers are implantable, surgical stainless steel, radiopaque markers. They serve as radiographic indicators to allow the cardiologist to visualize the sites of both distal and proximal anastomoses, so that graft anastomotic patency and the location of any coronary artery stenoses may be determined.

Cut Mark

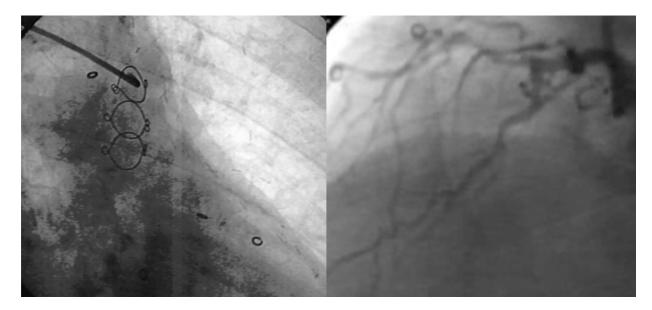
(MR Conditional)

The marker is a smooth 316L stainless steel 3.5 mm diameter ring (2 mm internal diameter).

Optional holder for ease of handling

"Bypass graft markers reduce contrast and radiation use in follow-up coronary angiography and reduce incidence of contrast-induced acute kidney injury."<sup>1</sup>

The Journal of invasive cardiology. 2020;32(6):232-234



### **Easily Identifiable**

Has your cardiologist ever had trouble finding a graft? Have you ever been told your graft was occluded when it was not?

## The benefits are real<sup>2</sup>

- Graft Markers reduce patient fluoroscopy time by over 30%
- Contrast media volume is reduced by over 21%
- 17% reduction in number of angiographic catheters required
- Graft Markers improve successful location of anastomoses when restudying patients post-operatively

### Anastomark® Coronary Artery Bypass Graft Markers

**Implantable Grade Stainless Steel Distal Markers** 

**Tungsten Impregnated Silicone Proximal Markers** 

**Quick and Easy Implantation Does Not Extend Operating Time** 

**Easily Identifiable on Reoperation** 

"Radiopaque bypass graft markers improve detection of bypass grafts during subsequent coronary angiography and are associated with a lower radiation time and less consumption of contrast agent."<sup>3</sup>

J Thorac Cardiovasc Surg 2018;155:15675-72

Ordering Information	
Anastomark <sup>®</sup> Coronary Artery Bypass Graft Markers	
Catalog #	Product Description
FM-PM-1	Flexible Proximal Silicone Marker 25/box (1/pouch)
FM-PM-2	Flexible Proximal Silicone Marker 50/box (2/pouch)
FM-PM-3	Flexible Proximal Silicone Marker 75/box (3/pouch)
AMGM-SD	Distal Stainless Steel Marker 25/box (1/pouch)
AMGM-D	Distal Stainless Steel Marker with Holder 25/Box (1/pouch)
AMGM-BD	Distal Non-Sterile Bulk Stainless Steel Markers (100/bag)

1. Oman Z, Feghaly J, Gu L, Nasir A, Forsberg M. Utility of Radiopaque Bypass Graft Markers During Coronary Angiography Following Coronary Artery Bypass Graft Surgery. The Journal of invasive cardiology. 2020;32(6):232-234.

2. Catheterization and cardiovascular diagnosis [Cathet Cardiovasc Diagn] 1997 Mar; Vol. 40 (3), pp. 249-53; discussion 254.

3. Pingpoh C, Siepe M, Burger K, Zietak T, Valina C, Ferenc M, Beyersdorf F, Neumann F, Hocholzer W. Impact of proximal radiopaque

coronary bypass graft markers on postbypass surgery coronary angiography. J Thorac Cardiovasc Surg 2018;155:15675-72

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Indications: The markers are indicated for patients undergoing coronary artery bypass graft surgery or vascular graft surgery. Contraindications: There are no known contraindications for use.

Precautions: Take care not to damage the marker rings during handling. MRI Conditional information can be found online at https://geneseebiomedical.com/project/graft-markers/

CAUTION: Federal law (USA) restricts this device to sale by, or on the order of, a physician.



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