

Peri-Guard®  
Supple Peri-Guard®



A safe, durable,  
autologous-like  
biological patching  
solution for  
pericardial and soft  
tissue repairs.

**Peri-Guard®**  
**Supple Peri-Guard®**  
Repair Patch

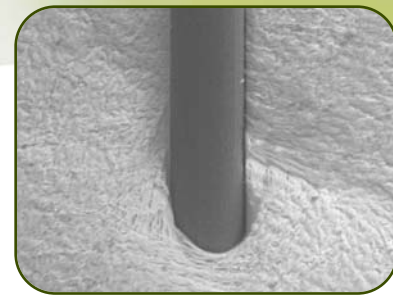
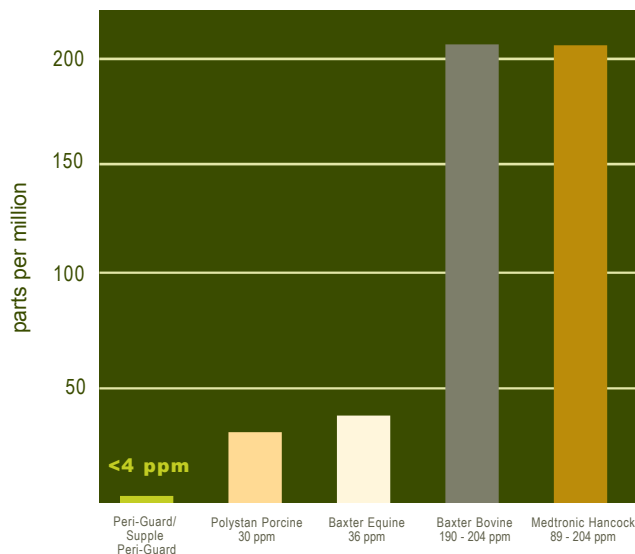
Synovis™  
Surgical Innovations

# Peri-Guard® Supple Peri-Guard®

Peri-Guard® and Supple Peri-Guard® have been successfully implanted as repair patch materials for more than two decades during which Synovis Surgical Innovations has shipped more than a half million bovine pericardial patches.

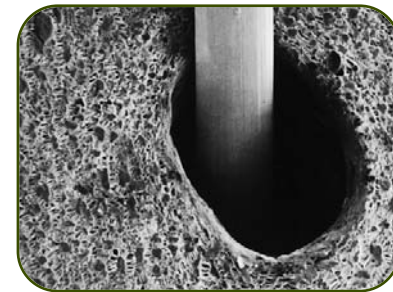
Peri-Guard and Supple Peri-Guard are derived from bovine pericardium, a material known for excellent suppleness and strength. Synovis Surgical Innovations' exclusive Apex Processing™ maintains these characteristics while enhancing the biocompatibility, performance and safety of the product.

## Comparative Residual Glutaraldehyde Levels



a. 150X mag.

a. SEM reveals excellent reapproximation of Peri-Guard around suture.



b. 150X mag.

b. SEM reveals lack of reapproximation of ePTFE around suture.

## Proven Performance

- Nearly 100,000 implants for cardiac and thoracic repair and reconstruction<sup>17</sup>
- Exceptionally low reported adverse event rate of less than 0.07%<sup>14</sup>
- Stringent sourcing and manufacturing procedures ensure high levels of quality and safety

## Exceptional Handling

The autologous feel and natural characteristics of Peri-Guard and Supple Peri-Guard make them easy to manipulate and implant

- Easy to cut to desired shape
- Easy to suture
- Flexible and compliant

## Surgical Applications

- Pericardial closure
- Soft tissue repair
  - Abdominal wall defect
  - Thoracic wall defect
  - Hernia

## Clinical Benefits

- Resists suture line leakage
- Does not promote calcification<sup>1</sup>
- Strong and durable
- Provides a non-thrombogenic blood flow surface similar to autologous tissue
- Enables excellent host tissue incorporation
- Exceptionally low residual glutaraldehyde (see chart)
- Excellent reapproximation around suture (see figures A & B), resulting in resistance to leakage

## A Convenient Choice

- Readily available off-the-shelf
- Broad range of sizes

*“Calcification has not been observed in our patients who have been followed for ten years”<sup>1</sup>*

## Ordering Information

### Peri-Guard

PRODUCT NUMBER	PRODUCT SIZE
PC-0404N	4 cm x 4 cm
PC-0608N	6 cm x 8 cm
PC-0814N	8 cm x 14 cm
PC-1016N	10 cm x 16 cm
PC-1225N	12 cm x 25 cm

### Supple Peri-Guard

PRODUCT NUMBER	PRODUCT SIZE
PC-0404SN	4 cm x 4 cm
PC-0608SN	6 cm x 8 cm
PC-0814SN	8 cm x 14 cm
PC-1016SN	10 cm x 16 cm

Peri-Guard and Supple Peri-Guard are for single use only and cannot be resterilized.

Peri-Guard and Supple Peri-Guard are part of the Tissue-Guard™ Product Family of pericardial products from Synovis Surgical Innovations. Tissue-Guard products are designed for a wide array of surgical procedures including bariatric, cardiac, neurosurgical, ophthalmic, thoracic, vascular, general and other surgical applications.

Contact your sales representative or Synovis Surgical Innovations for ordering information, in-service support materials, and technical specifications.

## References

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# Synovis™

Surgical Innovations

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