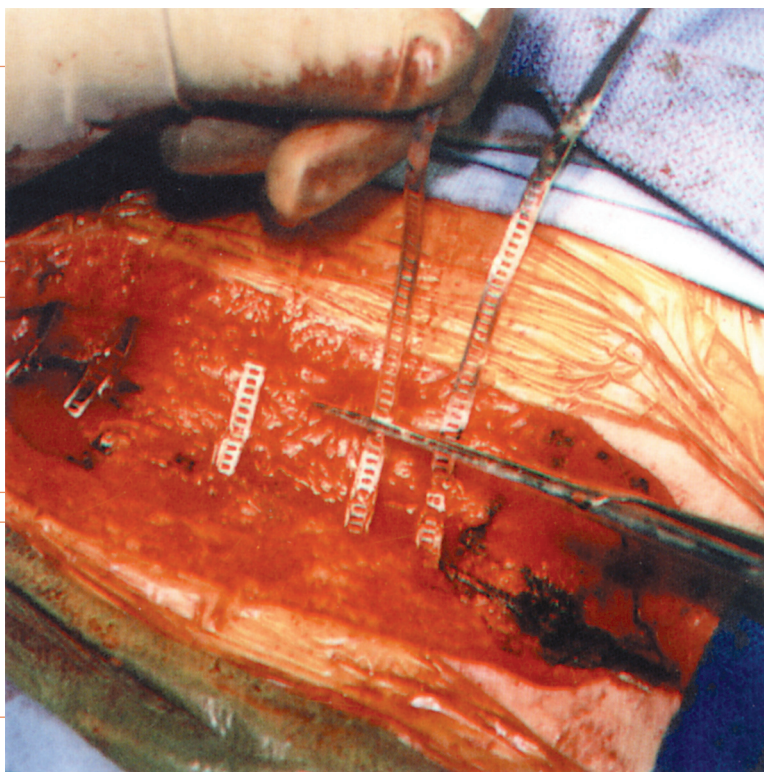


Sterna-Band™ SELF-LOCKING STERNOTOMY SUTURES

Reliable, safe, easy to use and cost-effective sutures for closure of median sternotomies and lateral thoracotomies.



Peninsula Medical Products, LLC

31330 Schoolcraft Road, Suite 200
Livonia, MI 48150

Reliable

Made of stainless steel 316L alloy, Sterna-Band™ sutures are a state of the art replacement for steel wires. They can also be used in combination with wires. The geometry and configuration add strength to the closure; 4.5 mm width spreads the clamping force over an area six times that of the wire. The breaking point for Sterna-Band™ is twice that of wires. The buckle is double-locked to eliminate slippage.

Safe

The improved design prevents the band from cutting through the sternum. This is especially important with high-risk patients with comorbidities such as obesity, emphysema and older patients with osteoporosis or current infections.

Added strength prevents breaking or loosening due to fatigue from post-operative stresses such as turning, breathing or coughing. Wires sometimes start to unravel forcing the pigtail to shift causing extra pain and discomfort.

Sterna-Band™ sutures can reduce dehiscence of the sternum, a significant medical benefit to the patient and a cost benefit to the health community. This lessens the need for further procedures and enables shorter lengths of stay

Patients report considerable less pain when compared to the insertion of steel wires.

Convenient

Simple improved double locking buckle allows the surgeon to use a towel clamp to secure the buckle while pulling suture to abut sternum halves, and cut off the remainder with a surgical scissor. No twisting, wire cutters or special tools are required.

Cost Effective

Only four to five Sterna-Band™ sutures are needed to close most median sternotomies. The cost compares favorably with wires and their reliable performance avoids the cost of re-operation when wire fails.

Procedure Overview

Each Sterna-Band™ suture has a sharp needle on one end and a self-locking buckle mechanism on the other.

1. Insert the needle through or around both sternum halves.
2. Insert the narrow end of the band through the band's channel. Using a towel clamp and needle driver to hold the buckle and pull suture to abut the sternum halves.
3. Snip off the extra band with surgical scissors.
4. Fold back the remaining end into the buckle channel and crimp the "ears" to provide a double lock with no uncomfortable wire pigtails.

Sterna-Band™ sutures are manufactured for Peninsula Medical Products, LLC

Specifications

Sterile, non-absorbable surgical suture band
316L stainless steel band
14 inches (36 cm) long
4.5 mm wide
Cutting point 304 stainless steel needle

Patent Number

5,972,006

Ordering Information

Sterna-Band™ Self-Locking Sternotomy Sutures

Product Number

B-220

FDA - Registration

111037

Packaging

4 boxes per case
10 bands per box
(5 sleeves per box)
(2 bands per sterile sleeve)



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