SAM Pelvic Sling™ II

FOR STABILIZATION OF PELVIC FRACTURES
WITH THE CORRECT FORCE

IMPROVED ONE PIECE DESIGN
APPLIES IN 3 EASY STEPS

800.818.4726 | sammedical.com
NSN # 6515-01-509-6866 (OD green)
What Makes The SAM Pelvic Sling II Unique

- Scientifically and clinically proven to provide safe and effective force to stabilize pelvic fractures
- Radiolucent (allows for X-rays without removal)
- Ease of application: just insert belt through buckle, pull strap and secure
- “Click” provides clear feedback to confirm correct application
- Pulling gradually and symmetrically increases sling tension and reduces the pelvis
- Every sling is tested for quality
- Standard size fits 98% of the population
- Front is narrow and tapered to facilitate urinary catheterization, interventional radiology, external fixation and abdominal surgery
- Velcro on strap and sling for quick and easy fastening
- Reusable, not a onetime use device
- Fabric does not stretch and cleans for re-use with standard detergent or anti-microbial solutions
- Low friction posterior slider facilitates transfers
- Buckle maintains correct force—cannot be over-tightened
- Standard size fits 98% of the population

Newly Improved Design

The SAM Pelvic Sling II improves upon our groundbreaking original pelvic sling. It is still the only force-controlled circumferential pelvic belt scientifically proven in peer-reviewed studies to safely and effectively reduce and stabilize open-book pelvic ring fractures.

The SAM Pelvic Sling II is an improved, simpler design with no detachable hardware. It is more compact, easy to use (only three steps) and quick to apply (usually in less than one minute). Our standard size fits (without cutting or trimming) 98% of the adult population. It does not require a fine touch to operate and gives clear feedback by sound and feel to confirm correct application.

The sling is durable i.e. not affected by extremes of moisture, temperature or by exposure to hard or sharp objects. It is also radiolucent, MRI safe and cleans for re-use with common detergents or anti-microbial solutions.
Easy As 1, 2, 3

1. Remove objects from patient's pocket or pelvic area. Place SAM Pelvic Sling II gray side up beneath patient at level of trochanters (hips).

2. Place BLACK STRAP through buckle and pull completely through.

3. Hold ORANGE STRAP and pull BLACK STRAP in opposite direction until you hear and feel the buckle click. Maintain tension and immediately press BLACK STRAP onto surface of SAM Pelvic Sling II to secure.

Limits Compression To An Effective Force

The SAM Pelvic Sling II was designed not to over-tighten or under-tighten, unlike other commercial binders which allow unlimited force to be applied to the patient. Researchers at Legacy Health System utilized cadaver studies and clinical trials to determine the optimum range of force required to safely and effectively close an unstable pelvic fracture.

The SAM Pelvic Sling II’s patented Autostop buckle is programmed to stop your pull once the correct compression force has been obtained. This is vital in high stress environments where over-tightening by emergency medical personnel under duress could potentially be extreme and harmful.

Trauma surgeons around the world recognize the importance of stabilizing pelvic fractures during the critical first “golden hour” following severe trauma. Because of the potentially devastating hemorrhage associated with such fractures, standard first aid protocol includes applying some type of circumferential binder around the victim’s hips.

Research Studies


We Removed The Guesswork

Our patented Autostop buckle provides the correct compression every time, taking the guesswork out of tightening. The buckle is programmed to stop your pull once the correct compression force has been obtained. Two prongs are released from the buckle which stops the belt from further tightening.
FAQ

Why does controlling circumferential force matter in the treatment of pelvic fractures?
At the time of initial evaluation, the exact type of fracture is usually unknown. In some cases, too little force will not close or stabilize the fracture; in others, too much force can collapse the pelvic ring. The SAM Pelvic Sling II stands alone as the only pelvic binder pre-programmed to apply the safe and correct force for all pelvic fractures.

What is the difference between the SAM Pelvic Sling II and other devices used in emergent care?
The SAM Pelvic Sling II is designed so it cannot be over-tightened. It is the only pelvic binder that will not allow a compression force greater than required to safely and effectively stabilize pelvic ring fractures. It provides the correct force each time, every time. This is documented in five peer review journals and has been the subject of fifteen national and international plenary session presentations.

Can the SAM Pelvic Sling II be used on a suspected pelvic fracture, even if it is not an open-book fracture?
There are no reported contraindications to using the SAM Pelvic Sling II on any suspected pelvic fracture or injury. The compression forces are distributed broadly across the Sling belt and are unlikely to exacerbate fractures or injury. Peer-review studies have shown no contraindication to applying the SAM Pelvic Sling II on lateral compression fractures.

Can the SAM Pelvic Sling II be placed on a patient in the car before extraction?
It is not recommended to apply the SAM Pelvic Sling II before extraction from a vehicle.

How do I clean the SAM Pelvic Sling II?
Do not clean the Sling using steam autoclave. You can use a broad spectrum disinfectant such as Virkon. You may contact an EMS or hospital provider for more details about Virkon.

Can the SAM Pelvic Sling II be used on children?
We do not recommend using the SAM Pelvic Sling II on children. To date no studies have been conducted on children.

How does the SAM Pelvic Sling II affect skin’s surface?
Interface pressures have been measured under the SAM Pelvic Sling II and these pressures are usually very low (less than 25 mmHg). If the SAM Pelvic Sling II is to be applied for extended periods, the skin should be inspected at regular intervals. Be especially observant when massive fluid resuscitation is required. Under these conditions, the SAM Pelvic Sling II may have to be periodically released to accommodate increased pelvic volume. Be aware the SAM Pelvic Sling II should be released very slowly.

PRODUCT INFORMATION

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<tr>
<th>Part Number</th>
<th>Description</th>
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<tr>
<td>SL556652-SM</td>
<td>SAM Pelvic Sling™ II Extra Small - Hip Circumference: 27-47” (69-119cm)</td>
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<tr>
<td>SL556652</td>
<td>SAM Pelvic Sling™ II Standard - Hip Circumference: 32-50” (81-127cm)</td>
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<tr>
<td>SL556652-LG</td>
<td>SAM Pelvic Sling™ II Extra Large - Hip Circumference: 36-60” (91-152cm)</td>
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<td>SL556652M</td>
<td>SAM Pelvic Sling™ II Military - Olive - Hip Circumference: 32-50” (81-127cm)</td>
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ABOUT SAM MEDICAL PRODUCTS

SAM Medical Products® is a developer and manufacturer of innovative medical products used for emergency, military, and hospital care. Our products include the widely used SAM Splint, SAM Pelvic Sling II, Soft Shell Splint, CELOX line of hemostatic agents, BursaMed line of shear and friction relieving dressings and Blist-O-Ban blister prevention bandages. For more than 25 years, SAM Medical Products® has represented innovation and quality to the medical professional. More information about SAM Medical Products® can be found on the company’s website at: www.sammedical.com.