

# HEMORRHAGE OCCLUDER PIN

Catalog No. HOP-03

## DESCRIPTION:

The Hemorrhage Occluder Pin is a tack made of medical grade titanium. Its 7 mm shaft is serrated for more secure placement in the sacrum.

## INDICATIONS:

The Hemorrhage Occluder Pin is indicated for the control of localized severe hemorrhage from the sacral area during pelvic surgery. The pin should be used when other techniques (cautery, sutures, clamping, etc.) are judged ineffective.

## CONTRAINDICATIONS:

- Bleeding deemed controllable by direct suture or electrocautery.
- Severe instability of the patient as measured by severe hemorrhage or hypertension.
- Bleeding further than 2 cm from the midline. Bleeding that appears to originate from a sacral neural foramen or vital structure such as a ureter, rectum or vagina.
- Diffuse hemorrhage related to a systemic coagulation disorder not controllable by fingertip pressure against the anterior surface of the sacrum.

## INSTRUCTIONS FOR USE:

1. Apply direct fingertip pressure to the bleeding site to stop the bleeding.
2. When the bleeding is controlled, clear the surgical field of blood and clot and retract the adjacent organs for optimal visibility of the presacral area.
3. Remove the Hemorrhage Occluder Pin from its tubular holder by extracting it through one of the two side holes in the middle of the holder with suitable forceps (e.g. hemostat or needle holder). Do not attempt to extract the pin through the ends of the holder.
4. Rapidly withdraw the hemostatic finger and place the Hemorrhage Occluder Pin directly over the bleeding area. Apply fingertip pressure to the head of the pin, pushing it into the bone. Apply direct and steady pressure until the pin is fully seated with the head of the pin flush with the bony cortex.
5. Consider placement of a second pin if the bleeding continues and appears to be emanating from a second site. Avoid overlapping pin heads.

## COMPLICATIONS:

Complications may result from the use of this product depending upon the patient's degree of intolerance to any foreign object in the body.

## PRODUCT INFORMATION DISCLOSURE:

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STERILE	EO
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Single Use

Rx only



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