

Hemostatic Occlusive Leverage Device

Directions for Use

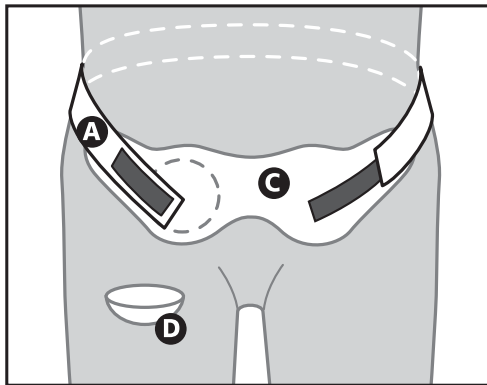


Figure 1

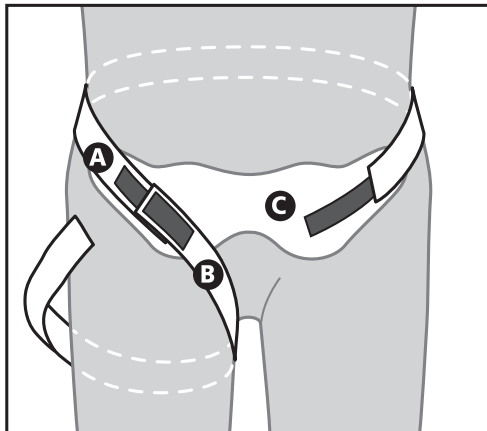


Figure 2

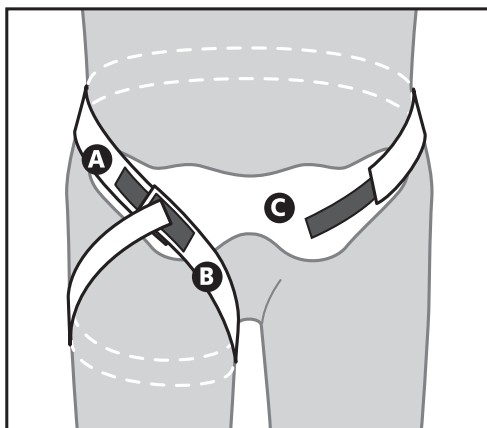


Figure 3

Use under the direction of a medical doctor. Read instructions prior to use.

Indications

This device is designed for compression of femoral arterial or venous puncture sites. After initial hemostasis is obtained by direct manual pressure, the application of the HOLD device results in longer-term compression of the site.

The HOLD device is ideal following arterial puncture in the setting of:

- Cardiac catheterization
- Coronary arteriography/angioplasty
- Cerebral/renal/peripheral arteriography
- Intra-aortic balloon pump procedures

The HOLD device may be applied with equal efficacy following femoral venous puncture employed in:

- Electrophysiologic studies
- Right heart catheterization
- Pulmonary angiography
- Acute hemodialysis

The HOLD device may be particularly efficacious in the setting of out-patient angiographic procedures.

Precautions

- Tighter adjustment of the **groin strap (B)** will result in increased pressure applied to the puncture site.
- If HOLD device is used following femoral arterial puncture, peripheral pulses should be palpated to be certain that exerted pressure is not in excess of systemic arterial pressure.
- HOLD device is not intended to obviate the need for adequate initial hemostasis by direct manual pressure.

Prior to Procedure

1. Secure **waist band (A)** snugly around patient's waist above the point of both hips so that **pelvic apron (C)** rests on the umbilicus. (see figure 1)
2. Place the white foam **compression disk (D)** on the inner aspect of the **pelvic apron (C)** on the side of the intended procedure, Velcro to Velcro. (see figure 1)
3. Prep the patient in the routine manner and continue with procedure.

Post Procedure

After manual compression of the femoral puncture site has resulted in hemostasis:

4. Apply a sterile dressing to the entry site.
5. Using both hands, pull **pelvic apron (C)** down to the pubic area and attach the white Velcro end of the **groin strap (B)** to the white Velcro patch located on the outer surface of the **pelvic apron (C)** and directly above the puncture site. Observe that the point of the foam disk is positioned directly over dressing/entry site. (see figure 2)
6. Wrap **groin strap (B)** around the inner thigh, extending it posteriorly below the buttock. (see figure 2) Continue around the outer thigh and terminate the black Velcro closure directly above the puncture site. (see figure 3)

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The HOLD™, hemostatic occlusive leverage device is protected by Patent Insurance. USA Patent 4829994. Worldwide Patents pending.

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