Bledsoe Pelvic Brace

Application Instructions CP020114 Rev. E 04/02

THE SOLUTION TO THE DIFFICULT PROBLEM OF ROTATIONAL CONTROL

From the family whose name means braces

This device is offered for sale by or on the order of a physician or other qualified medical professional. This device is not intended for reuse on a second patient or for extended use beyond 180 days. This device is generally not intended for patients in excess of 250 lbs (114 kilos). This device is not intended to prevent injuries or reduce or eliminate the risk of reinjury.

Indications: Indicated to limit motion and reduce incidence of dislocation of the hip and to provide limited motion of hip abduction or adduction after injury or operative procedures to the hip joint.

Contraindications: Contraindicated for unstable fractures of the pelvis or femur.

WARNING: Do not leave this device in the trunk of a car on a hot day or in any other place where the temperature may exceed 150˚ F (65˚ C) for any extended period of time. **If any additional pain or symptoms occur while using this device, seek medical attention.**

Warranty: This device is warranted to be free from defects in material and workmanship for a period of 90 days. These warranties apply to devices that have not been modified or subjected to misuse, abuse or neglect.
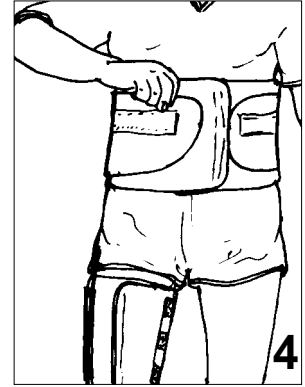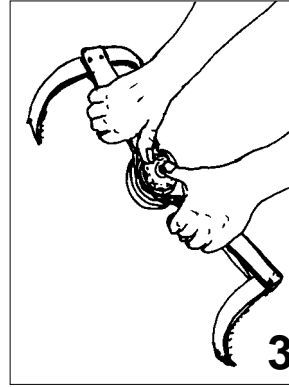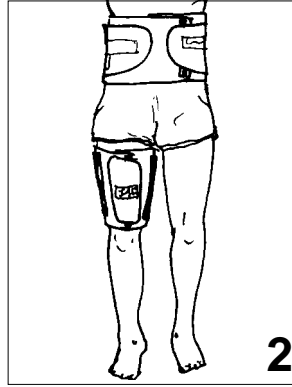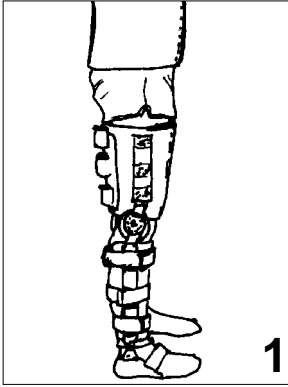
Manufactured by:
Bledsoe Brace Systems ™ by Medical Technology Inc.
2601 Pinewood, Grand Prairie, Texas, 75051, USA
Toll Free Tel.**1-888-B L E D S O E** (253-3763)
Or 1-800-527-3666 • Local Tel. 972-647-0884
Local FAX 972-660-5495
International FAX 972-606-0649
www.bledsoebrace.com

European Authorized Representative:
MEDPASS International Limited
Windsor House
Barnett Way
Barnwood
Gloucester GL4 3RT
United Kingdom
+44(0)1 452-619-222

For product information or questions pertaining to sales or service, please contact the national distributor in your area or the manufacturer.

Bledsoe Pelvic Brace Application Instructions

1

BLEDSOE BRACE OPTION

1. If the Pelvic Brace is to be used with the Bledsoe Brace, apply Bledsoe Brace per instructions, leave thigh straps unfastened. Next, apply waist band with top edge 1" -2" (2.5cm-5cm) above navel and closure at front.
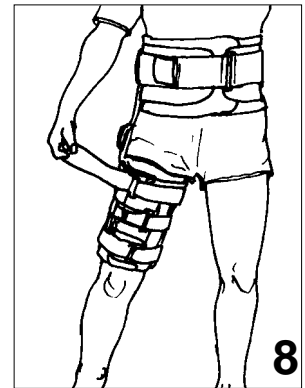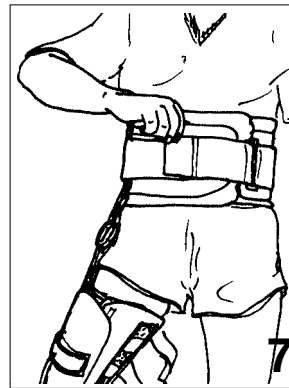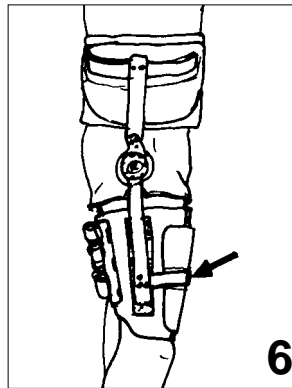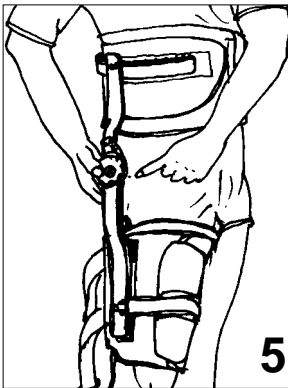

2

APPLY PELVIC BRACE

2. If Pelvic Brace is used alone, position thigh wrap with posterior plate centered on back of thigh and bottom edge of wrap 1" (2.5cm) above knee cap. Trim excess material leaving 2"-3" (5cm-8cm) overlap. Fasten hook fastener at front to close. Apply medial and lateral thigh plates while forming to fit as required.

3

BEND HINGE UPRIGHTS

3. If abduction is desired, abduct leg more than desired and bend hinge uprights above and below hinge to fit leg. If not abducted, bend to fit the side of the leg.

4

APPLY PLASTIC PLATES

4. Place hinge axis over greater trochanter (point at which hip and thigh muscles attach) and check fit of hinge uprights. Bend upper cross upright to fit waist, and lower cross upright to fit the front of the thigh. Check for proper fit before final placement of wraps. Apply plastic plates centered on both sides of waist wrap.

5

APPLY UPPER CROSS UPRIGHT

5. Locate center axis of hinge over greater trochanter. Position upper cross upright over pile strip on plastic waist plate. Press upright into position on waist plate to engage hook to pile fastener.

6

APPLY LOWER UPRIGHT

6. Locate lower upright over lateral thigh stay. Place plastic femoral plate under lower cross upright on front of thigh. Press to engage hook to pile fastener. Check that hinge axis is aligned with hip.
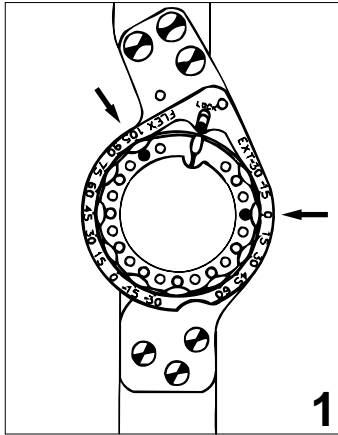

7

APPLY ABDOMINAL STRAP

7. Wrap abdominal strap around cross upright on waist and tightly around plastic waist plate on other side. Make certain the D-ring is at the front, and fasten strap.
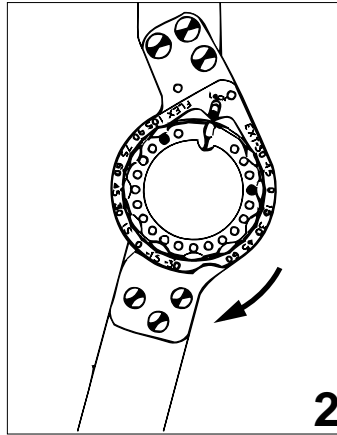

8

APPLY THIGH STRAPS

8. Wrap thigh straps tightly forward around lateral and medial sides to interlock hook strips with inner pile of straps. Fasten straps at the front of the thigh. Check hinge position again and proceed to Pelvic Hinge Application Instructions.
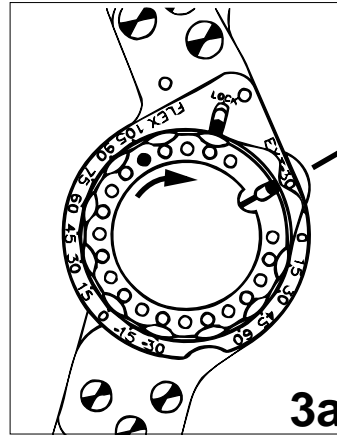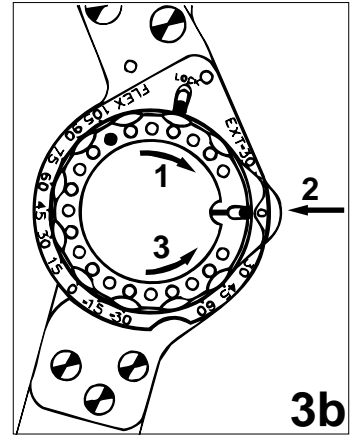
Bledsoe Pelvic Brace Application Instructions

1

OBSERVE PRESENT LIMITS

1. Note the present limits by viewing the pins visible in the dial holes.
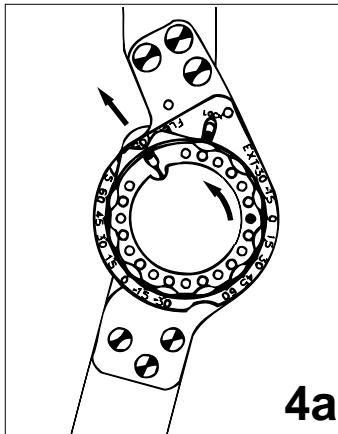

2

PRE-SET RANGE

2. Place the hinge in between the limits of desired motion before attempting to set the limits.

NOTE: Extension limits can be set from 30°-60° in 15° increments. Flexion limits can be set from 30°-105° in 15° increments.
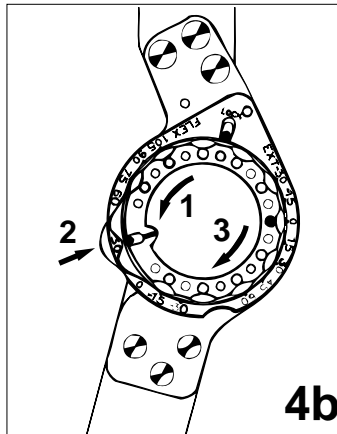

3a

SET EXTENSION LIMIT

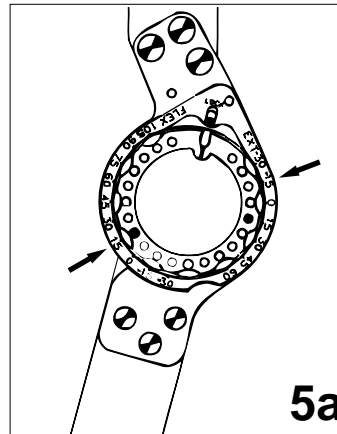**3a.** Rotate the dial toward the scale marked EXTENSION until the disc pops out.

3b

3b. Continue rotating the dial to the desired extension setting, (1) push in on the disc firmly until it is seated, (2) and while holding the disc in, rotate the dial back to the original "LOCK" position to capture the setting (3).
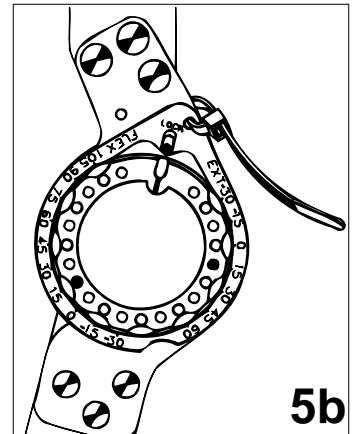

4a

SET FLEXION LIMIT

4a. Rotate the dial toward the scale marked FLEXION until the disc pops out.

4b

4b. Continue rotating the dial to the new desired setting, (1) push in on the disc until seated, (2) and while holding the disc in, rotate the dial back to the "LOCK" position to capture the limit (3). The limits are now set.

5a

ADDITIONAL NOTES

5a. To lock the hinge at any setting (in 15° increments) set both limits to the same number. Set one, then move the hinge against that limit and set the other limit.

5b

5b. To prevent tampering with the hinge setting, insert a cable tie wrap (six provided) into the hole just above the lock pin slot. In order to change the limits, cut the cable tie wraps.