

# *hipGRIP **II**<sup>®</sup> XtendR*

## Design Rational Technical Instructions



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# *hipGRIP II<sup>®</sup> XtendR*

## **Principles of Use:**

The *hipGRIP II<sup>®</sup> XtendR* is an operating room table attachment that is designed to support the down leg during lateral position surgery. The device is attached to the operating table with two Angled Bars and bar clamps attached to the operation room table. The foot of the operating room table remains up to support the legs until positioning is complete, then when the *hipGRIP II<sup>®</sup> XtendR* is just supporting the down-side leg, the foot of the table is lowered. The *hipGRIP II<sup>®</sup> XtendR* that supports the down-side leg is one half the width of the operation room table to facilitate placement of the operated lower extremity into positions that allow surgery that would be harder with leg support being the full width of the operating room table. The *hipGRIP II<sup>®</sup> XtendR* is made from high density polyethylene and the angle bars are stainless steel for easy cleaning.



## What parts come with the hipGRIP II® XtendR:

The hipGRIP II® XtendR system is a ¾ inch thick piece of high density polyethylene made in the shape of a big “L”. Two stainless steel Angled Bars are provided to hold the *hipGRIP II® XtendR* to the operation room table.

### Parts list summary:

A.) ORDER# D-030-049: *hipGRIP II® XtendR* made from high-density polyethylene. See Figure 1.

B.) ORDER# D-030-031: stainless steel Small Angle Bar (2 needed) See Figure 2.

## What parts don't come with the hipGRIP II® XtendR

Clamps that fit the operating room table and hold the Angled Bars in place are not provided.

### Needed parts summary:

1. Bar clamps are needed for the operation room side rails. They are used to hold the Angle Bars that secure the *hipGRIP II® XtendR* to the operation room table.

## Indications:

This device is designed to support the down-side leg during lateral position surgery as an attachment to a standard operating room table.

## Contraindications:

This device is not intended to support more than the down-side leg. Do not sit on this device as it will not support the weight of the entire patient. Do not use in morbidly obese patients as the weight of the leg may cause bending of the device. Always use appropriate padding between the patient's skin and the *hipGRIP II® XtendR*. Gel pads are recommended. Special caution should be used if the patient's skin is compromised from infection, trauma, or poor circulation.



Figure 1



Figure 2

## Instructions for use of the hipGRIP II® XtendR:

1. Inspect the hipGRIP II® XtendR and make sure that all the components are clean and in good repair.
2. Prior to positioning the patient on the operating room table place the hipGRIP II® XtendR onto the lower end of the operating room table with the open area in the desired right or left position according to surgeon preference. (Figure 3).
3. Adjust the wide part of the *hipGRIP II® XtendR* over the table above (cephlad) the hinge of the foot/leg support section of the operation room table. (Figure 3).
4. Place the operating room table clamp at the desired level on the operating room table side rail bar. The *hipGRIP II® XtendR* has grooves for the angle bars so that when they hold the *hipGRIP II® XtendR* in place, they are recessed and are smooth with the *hipGRIP II® XtendR*. Place the Angle Bar into the clamp and press the bar firmly against the *hipGRIP II® XtendR* and tighten the clamp. (Figure 4).
5. Place the second Angle Bar on the other side of the *hipGRIP II® XtendR* and firmly press into the groove followed by tightening the bar clamp to the the side rail. (Figure 4).



Figure 3



Figure 4

6. Check the *hipGRIP II® XtendR* to make sure it is securely held in place.
7. Place gel pads or other appropriate padding over the *hipGRIP II® XtendR* to protect the patient's skin.
8. The operating table foot support is in the up position at this time.
9. Place the patient on the operating room table. Place and secure the patient with a lateral positioning device such as SunMedica's *hipGRIP®*. (Figure 5).
10. Lower the foot of the table to the desired position with someone holding the down-side leg in place.
11. Secure the down-side leg to the padded *hipGRIP II® XtendR*.
12. After the surgery, remove the device that was used to secure the leg to the table while someone is holding the down-side leg. Then raise the foot of the table until it supports the *hipGRIP II® XtendR* and the down-side leg.

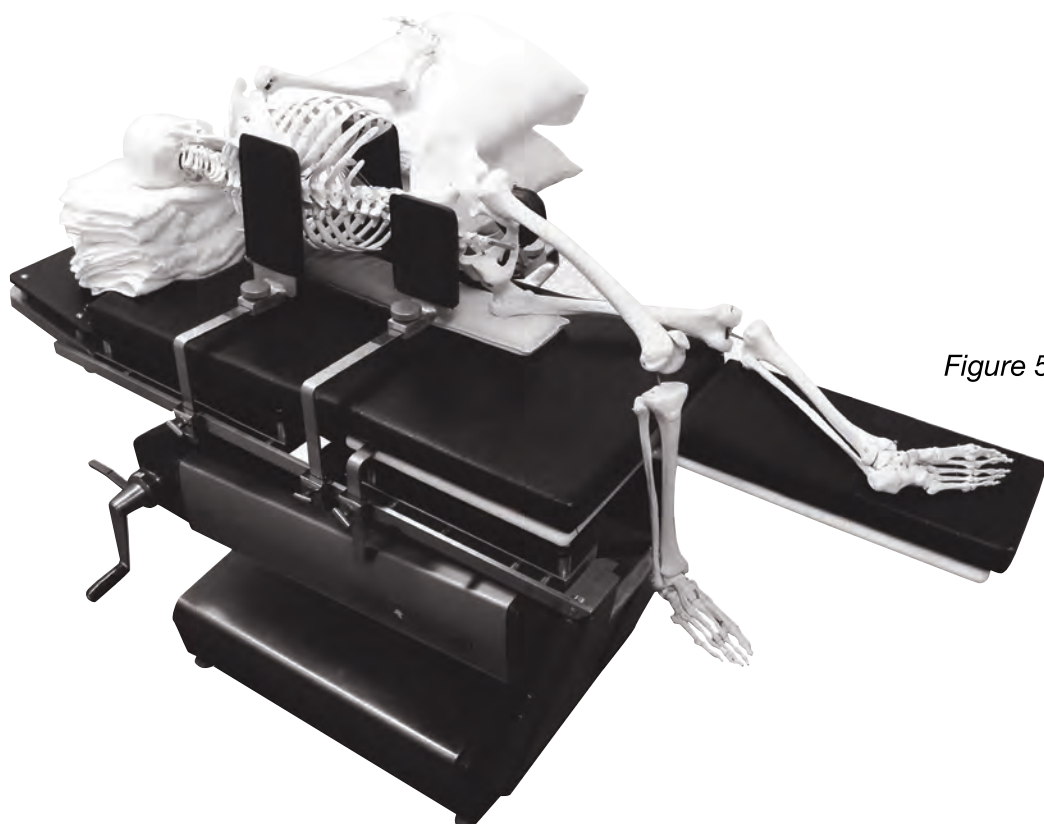


Figure 5

## Care of the hipGRIP II® XtendR

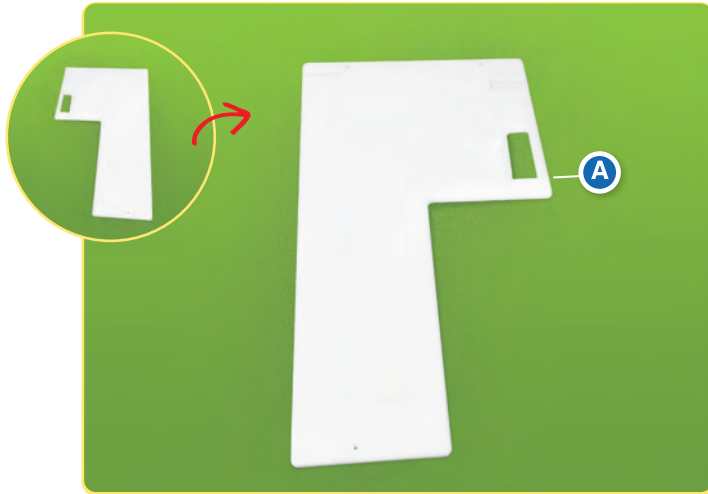
### Cleaning:

The high density polyethylene and stainless steel parts can be cleaned with soap and water or any operating room disinfectants.

### Storage:

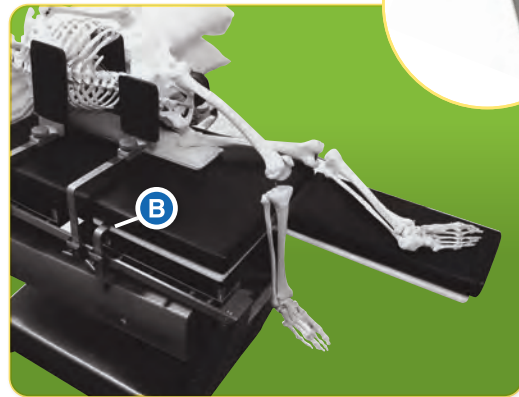
Store the *hipGRIP II® XtendR* on a flat surface in a cool room. The *hipGRIP II® XtendR* may curve some with use or if not stored on a flat surface. The *hipGRIP II® XtendR* will return to flat when stored on a flat surface.

# hipGRIP II® XtendR



Reversible for the "Left" or "Right" hip

**NEW PRODUCT!**



Anterior Approach: The OR table foot section must be lowered so the leg being operated on can be dropped (front or behind the down leg).

ORDER#	PART	DESCRIPTION	PRICE
D-030-049	A	<b>hipGRIP II® XtendR</b> • Includes 2-Small Angle Bars	\$499.00
D-030-031	B	<b>hipGRIP® Small Angle Bar</b>	\$82.77

Call us for details at 1-800-998-8715  
at [www.sunmedica.com](http://www.sunmedica.com)



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All prices are subject to change without notice.