



# MPR Shutt Universal Lateral Stress Post

MPR RT.0010/MPR RT.0009



Instructions for Use



## Description

The MPR Shutt Universal Lateral Stress Post (MPR RT.0010/MPR RT.0009), sometimes referred to as the “Flip Charlie”, is a stainless steel post plate with a Velcro strip for attaching pads (sold separately, see ACCESSORIES). The plate can swivel 360° to adjust patient position, and has a breakaway/flip design for meniscal repair procedures.

Reusable pads are available in both regular and deluxe varieties. The regular pads are made of durable close-cell foam that can be cleaned with a soapy solution without absorbing moisture, and are available with Velcro on one side or both sides. The deluxe pads come with a high-quality vinyl cover, and the standard size ones are available with a slip-on pocket design. Soft and firm single-use pads are both available, with either Velcro or a slip-on pocket design.

**NOTE:** This product requires a blade-style socket. It *will not* work with standard Clark sockets. Works best with the MPR Over-the-Rail Universal Clamp (MPR-ORUC).

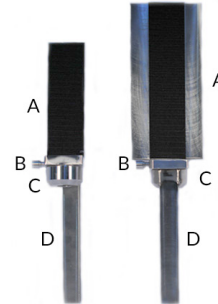
## Indications

For use during arthroscopic and meniscal repair procedures to stabilize the leg.

## Cautions

- UNITED STATES FEDERAL LAW RESTRICTS THIS DEVICE TO SALE BY OR ON THE ORDER OF A PHYSICIAN.
- This product is provided non-sterile and must be properly cleaned prior to use. Refer to the CLEANING AND MAINTENANCE section on page 3 of this document.
- Prior to use, examine the instrument for possible damage and to ensure proper functioning.
- A surgeon *should not* attempt clinical use of this device before reviewing these instructions for use.

## Components



A	Face Plate
B	Peg
C	Base Plate
D	Post for Socket Attachment

## Accessories

REF	Description
MPR NS.0012	MPR Reusable Stress Post Pad (One Sided)
MPR NS.0011	MPR Reusable Stress Post Pad (Double Sided)
MPR NS.0002	MPR Deluxe Reusable Stress Post Pad (Velcro)
MPR NS.0002S	MPR Deluxe Reusable Stress Post Pad (Pocket)
MPR NS.0014	MPR Single-Use Stress Post Pad (Soft, Velcro) (20 ct.)
MPR NS.0014F	MPR Single-Use Stress Post Pad (Firm, Velcro) (20 ct.)
MPR NS.0015	MPR Single-Use Stress Post Pad (Soft, Pocket) (20 ct.)
MPR NS.0015F	MPR Single-Use Stress Post Pad (Firm, Pocket) (20 ct.)
MPR NS.0007	MPR Reusable Stress Post Pad, XL (One Sided)
MPR NS.0009	MPR Reusable Stress Post Pad, XL (Two Sided)
MPR NS.0004	MPR Deluxe Reusable Stress Post Pad XL (Velcro)
MPR NS.0006	MPR Single-Use Stress Post Pad XL (Soft, Velcro) (20 ct.)
MPR NS.0006F	MPR Single-Use Stress Post Pad XL (Firm, Velcro) (20 ct.)
MPR NS.0005	MPR Single-Use Stress Post Pad XL (Soft, Pocket) (20 ct.)
MPR NS.0005F	MPR Single-Use Stress Post Pad XL (Firm, Pocket) (20 ct.)
MPR-ORUC	MPR Over-the-Rail Universal Clamp

**NOTE:** Standard size slip-on pads *will not* fit on the XL Stress Post (MPR RT.0009).

**NOTE:** Velcro pads *are not* compatible with the non-Velcro models (see ALSO AVAILABLE on page 4).

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## Instructions for Use\*

1. Position patient on operating table so that they are lying supine with their feet at the end of the bed and ipsilateral hip at the edge. Apply a tourniquet to the patient's upper thigh.
2. Attach a pad to the face plate of the lateral stress post, and secure the stress post in a blade-style socket or equivalent. Keep it as upright as possible.  
**NOTE:** The lateral post *will not* work with standard Clark sockets.
3. Position the stress post around 5cm superior to the proximal pole of the patient's patella. It should be positioned so that when the patient's thigh is pressed against the stress post, you have enough space to stand between the ankle and the bed.

### TO EXPOSE THE MEDIAL COMPARTMENT

4. Have either you or your assistant grasp the patient's foot and push it laterally into valgus, holding it so that the thigh is pressed against the stress post. If you do not have an assistant, you can brace the leg against the stress post with your hip while operating.

### TO EXPOSE THE INTERCONDYLAR FOSSA

5. Bend the patient's knee so that the lower leg is hanging down from the table.
6. Lower the stress post by pressing the peg inward to release the face plate and gently lowering it.

### TO EXPOSE THE LATERAL COMPARTMENT

7. With the stress post lowered, move the patient's leg into a "figure-of-4" position by taking the ankle and resting it across the patient's other leg with the knee bent to around 90°.
8. Place your hand on the raised knee and gently push it down toward the floor.

Follow your facility's protocol for draping the patient.

\*Applies to both MPR Shutt Universal Lateral Stress Post (MPR RT.0010) and MPR Shutt XL Universal Lateral Stress Post (MPR RT.0009), and the non-Velcro models (MPR RT.0010NV/MPR RT.0009NV)

## Cleaning & Maintenance

### LATERAL STRESS POST

1. Preventing blood, saline, or other materials from drying on the device will make cleaning easier. *Do not* immerse the device for cleaning.
2. Manually clean the device with a soft bristle brush and enzyme solution prepared according to the manufacturer's recommendations. Rinse with tap water.
3. Apply a surface disinfectant spray to the device. Let stand for the time recommended by the manufacturer.
4. Rinse the device thoroughly in lukewarm, running tap water for one minute.
5. Apply surgical lubricant or instrument milk if needed.
6. Place the cleaned device on a sheet of absorbent matting and allow it to air dry.

**⚠ Do not use an autoclave to sterilize the device.**

### PADS

Dispose of single-use pads after use.

Wash reusable foam pads after each use with a soapy solution and soft brush, and store where they will dry easily.

Deluxe reusable pad covers can be washed with a neutral soapy solution, then rinsed and dried before disinfecting with Lysol® Brand III I.C. Disinfectant Aerosol Spray or equivalent according to the manufacturer's specifications. Alternatively, they can be cleaned and disinfected with bleach **diluted 10:1** with water, then wiped dry with a clean cloth. *Do not* immerse.

## Warranty

MPR Orthopedics products are guaranteed to be free from defects in material and workmanship for the warranty period for a particular product, *beginning from date of invoice*. Contact MPR Orthopedics for specific warranty information.

This limited warranty is restricted to repair or replacement by MPR Orthopedics, at its option, of any product found to be defective during the warranty period. Damage inflicted on a product by the user that causes it to be unsuitable for refurbishment may result in additional charges, regardless of warranty status. All warranties apply to the original buyer *only*.

In no event shall MPR Orthopedics be liable for any anticipation profits, consequential damages, or loss of time incurred by the buyer with the purchase or use of any product.

**NO OTHER WARRANTY, EXPRESSED OR IMPLIED, IS GIVEN.**

**\*WARRANTY IS VALID FOR 1 YEAR**

## MPR Orthopedics Offers:

- Free trials on stress posts.
- Repairs for non-working stress posts.
- Trade-ins for excess equipment.
- Non-Velcro Lateral Stress Posts
- Reusable foam pads (standard and XL sizes).
- Deluxe reusable pads (standard and XL sizes).
- Single-use foam pads (standard and XL sizes).
- Over-the-rail universal clamps.

## For Further Information

If further information on this product is required, please contact MPR Orthopedics Customer Service at 800.524.5194 in the United States, or your authorized representative.



## MPR Shutt Universal Lateral Stress Post (MPR RT.0010/MPR RT.0009)

### Additional Accessories

REF	Description
MPR NS.0013	MPR Shutt Total Knee Pad for Stress Post, Velcro
MPR NS.0012-RWB	MPR Shutt Reusable Stress Post Pad, Red/White/Blue
MPR NS.0012-RWBXL	MPR Shutt Reusable Stress Post Pad, Red/White/Blue, XL
MPR-BC	MPR Basic Blade Side Rail Socket
MPR-SRS	MPR Aluminum Side Rail Socket
MPR-URC	MPR Aluminum Universal Rail Clamp

### Also Available

REF	Description
MPR RT.0010NV	MPR Shutt Universal Lateral Stress Post w/o Velcro
MPR RT.0009NV	MPR Shutt XL Universal Later Stress Post w/o Velcro

**A stable, time-proven orthopedic product.**