



MPR Charnley Retractor System

Instructions for Use

Description

The MPR Charnley Retractor System is a highly adjustable and customizable device used to retract and hold open the edges of an initial incision during hip procedures, such as Total Hip Arthroplasty operations.

The standard assembly consists of a square stainless steel frame, a fixed-length “anchoring” blade, and a blade with an adjustable length, used to determine the degree of retraction. MPR Orthopedics offers 2”, 3”, and 4”-deep blades of both types, to suit your preferences or the needs of the procedure. The fixed-length blades have a length of 3” inches, and the adjustable-length blades have a total length of 7”; all are 1” wide.

All MPR Orthopedics retractors and retractor systems are designed for optimal performance with minimal risk of trauma.

Indications

For use during hip revision procedures such as Total Hip Arthroplasty, to retract the edges of an initial incision.

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 2 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

MPR-7445-01	Standard Charnley Frame, 12”
MPR-7455-##*	Fixed-Length Charnley Blades
MPR-7450-##*	Adjustable-Length Charnley Blades

*see below

Blades

REF	Description
MPR-7455-02	MPR Fixed-Length Charnley Blade, 2” Depth
MPR-7455-03	MPR Fixed-Length Charnley Blade, 3” Depth
MPR-7455-04	MPR Fixed-Length Charnley Blade, 4” Depth
MPR-7450-02	MPR Adjustable-Length Charnley Blade, 2” Depth
MPR-7450-03	MPR Adjustable-Length Charnley Blade, 3” Depth
MPR-7450-04	MPR Adjustable-Length Charnley Blade, 4” Depth

Instructions for Use

1. Select the depth of blades to be used, based on the needs of the procedure or your preference.
2. Attach the fixed-length blade to the frame by pulling the knurled pin on the blade's connector back until it can accept the frame, and slide it on until it locks.
3. Once the incision has been made, hook the blade under one edge and gently pull it back until it is retracted to the desired degree.
4. Introduce the adjustable-length blade by hooking it under the other edge of the incision, and connect it to the knob on the other end of the frame at the hole corresponding to the desired length.
5. Attach weight if using.
6. To disassemble, carefully disconnect the adjustable-length blade from the frame, and remove from the incision, then gently reduce the retraction of the incision, before removing the fixed-length blade as well. Pull back the pin on the fixed-length blade and slide it off of the frame.

Cleaning & Maintenance

HAND CLEANING

1. Soak the product in an enzyme solution. Follow the manufacturer's directions for dilution and soaking time.
2. Scrub out any impacted material. *Do not* use steel wool or abrasive soap cleaners; these may scratch the surface finish.
3. Rinse in warm tap water, then soak or wipe down with a hospital- and/or EPA-approved germicide, and rinse again.
4. Wash the product with an instrument detergent up to a pH of 9.0. Rinse again.
5. Dry thoroughly and wrap.

WASHER CLEANING

1. Place components through washer/decontaminator, per the manufacturer's instructions, then prepare for sterilization.

NOTE: Device must be cleaned prior to sterilization.

Sterilization

Ensure that all parts are properly cleaned, then sterilize components separately according to your facility's protocol.

PRE-VACUUM STEAM STERILIZER

Temperature: 132°C/270°F

Minimum Cycle Time: 4 minutes

Minimum Drying Time: 30 minutes

Can be sterilized unwrapped or wrapped in two disposable or reusable wraps. Run normal vacuum cycle for your facility.

NOTE: *Do not* place this device in a milk bath or lubricate.

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 anticipated 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 Charnley Retractor Systems.
- Trade-ins for excess equipment.
- Fixed-length blades.
- Adjustable-length blades.

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, or visit the MPR Orthopedics website at www.mprortho.com.

A stable, time-proven orthopedic product.

