

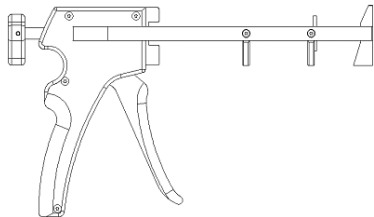
# OPTIGUN RATCHET

REF 419500

This insert should be read completely before using the Optigun Ratchet.

## GENERAL INFORMATION

The Optigun Ratchet is a hand-held cement gun for use with the Optivac™. The gun is made of aluminum and should be stored in dry conditions.



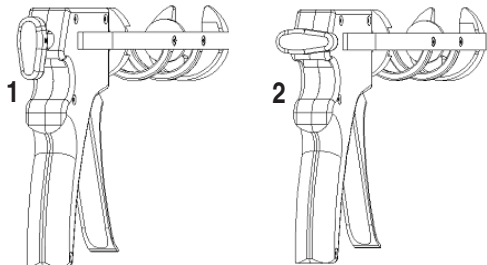
## INTENDED USE

The Optigun Ratchet is used to deliver bone cement from the Optivac™.

## INSTRUCTIONS FOR USE

The gun is operated by hand. Squeezing the trigger moves the rod and the Optivac™ plunger inward, pressing out bone cement from the cartridge under high pressure.

The Optigun is an instrument for repeated use and is delivered non-sterile. Under normal use, the instrument does not need periodic service. Surgical instruments are subject to wear with normal usage. Please examine the instrument before use to ensure it is intact.



1. Rod in closed position
2. Rod in open position

1. Turn the rod to the open position and pull it out.
2. Introduce the Optivac™ cartridge into the Optigun Ratchet. Insert the bottom end of the cartridge first, then press down on the top until it fits perfectly to the front plate of the Optigun Ratchet. The nozzle should fit into the hole on the front plate.
3. Push in the rod until it reaches the plunger of the Optivac™ cartridge.
4. (Delete extra space.) Turn the rod 90 degrees (locked position).
5. Squeeze the trigger to deliver cement from the Optivac™ nozzle.

## After Delivery

Remove the Optivac™ cartridge after delivery of cement.

1. Turn the rod 90 degrees (open position) and pull out the rod.
2. Remove and discard the Optivac™ cartridge.



I-419500-06  
CO 8-0773  
2010-05-10

## CLEANING

The Optigun Ratchet should always be cleaned after use. Remove all cement immediately, before it has a chance to harden. For general cleaning, use a soft cloth, or place the gun in a dishwasher. Use a non-abrasive detergent suitable for cleaning aluminum. **THE OPTIGUN MUST NOT BE DISMANTLED FOR CLEANING! DO NOT REMOVE SCREWS!**

## STERILIZATION

After cleaning and before use, sterilize the Optigun Ratchet with conventional steam autoclaving. During sterilization the rod must be in the open position. The Optigun Ratchet must be cooled to room temperature before use.

## STERILITY

The Optigun Ratchet is supplied non-sterile.

### WARNING

Never use an Optigun Ratchet that does not function properly. Please return the instrument to your local distributor for proper service. When operating the gun do not put the finger between trigger and handle; this may cause crushing injury.

Remove the Optivac™ from the Optigun Ratchet immediately after use. If the Optivac™ is left in the Optigun Ratchet after use, the remaining cement will set in the Optivac™. This might make it difficult to release the rod.

If in doubt as to the use of the Optigun Ratchet or related products, please contact your local distributor or the manufacturer.

**CAUTION:** Federal (USA) law restricts this device to sale by or on the order of a physician.

**Manufacturer:** Biomet France  
58 Avenue de LAUTAGNE  
BP75  
26903 Valence Cedex 9, FRANCE  
Tel: +33 4 75 75 91 00 Fax: +33 4 75 75 91 01  
[www.bonecement.com](http://www.bonecement.com)

**Distributor:** **Biomet Orthopedics, Inc.**, P.O. Box 587, Warsaw, IN 46581-0587  
Tel: (574) 267-6639, Fax: (574) 372-1683  
[www.biomet.com](http://www.biomet.com), e-mail: [biomet@biomet.com](mailto:biomet@biomet.com)



I-419500-06  
CO 8-0773  
2010-05-10