

REMEDY® & REMEDY SPECTRUM® GV HIP SPACERS**1**

Overview

The REMEDY® Hip Spacer and the REMEDY SPECTRUM® GV Hip Spacer are part of the treatment foreseen in a two-stage procedure performed in the event of permanent prosthesis infection. The REMEDY® Hip Spacer implant and the REMEDY SPECTRUM® GV Hip Spacer are intended for temporary use only (180 days or less). The spacer allows basic joint mobility and releases antibiotic into the joint area to protect the implant from bacterial colonization. A second surgery will be required at a later date to remove the REMEDY® Hip Spacer or the REMEDY SPECTRUM® GV Hip Spacer and replace it with a permanent hip joint implant.



REMEDY® and
REMEDY SPECTRUM®
Modular Heads



REMEDY® and
REMEDY SPECTRUM®
Modular Long Stem

REMEDY® and
REMEDY SPECTRUM®
Modular Stem

Materials

The PMMA Hip implant has a metal supporting structure and is made with an outer covering of acrylic bone cement (PMMA) containing gentamicin antibiotic in the REMEDY® Hip Spacer or gentamicin and vancomycin in the REMEDY SPECTRUM® GV Hip Spacer.

The antibiotic protects the implant from bacterial colonization (bacteria attaching to the implant). The Hip stem may be paired with a PMMA Hip head or a Cobalt Chrome (CoCr) Hip Head.

The surgeon may also chose to utilize an optional acetabular cup that may be made out of PMMA or crosslinked Ultrahigh molecular weight polyetheylene (UHMWPE) with Vitamin E.

Contraindications

Your surgeon will determine if you are a successful candidate for the REMEDY® Hip Spacer implant or the REMEDY SPECTRUM® GV Hip Spacer. Some of the common reasons not to use this product include:

- poor muscle or bone quality
- low immune system
- inadequate circulation in the affected leg
- inability to remove the original hip replacement parts
- infection cannot be confirmed or treated by gentamicin alone or by gentamicin and vancomycin

- patient hypersensitivity (allergy) to gentamicin, aminoglycosides, vancomycin, glycopeptides, polyethylene, cobalt chrome, nickel, molybdenum, manganese, and PMMA
- a secondary infection besides the infection in the hip
- infection is not caused by a total hip replacement
- patient's weight, age or activity level could cause problems with the REMEDY® Hip Spacer or the REMEDY SPECTRUM® GV Hip Spacer.

Potential Surgical Side Effects

The problems common to all surgeries could also occur during a REMEDY® Hip Spacer or REMEDY SPECTRUM® GV Hip Spacer surgery. Common potential side effects include, but are not limited to:

- blood loss
- heart problems
- damage to the nerves
- reaction to the anesthesia
- delayed wound healing
- discomfort or pain
- infection

Potential Implant Side Effects

There are other problems that might happen due to the REMEDY® Hip Spacer implant or the REMEDY SPECTRUM® GV Hip Spacer. These include, but are not limited to, the following:

- damage to the hip joint (bone, muscles, nerves)
- shortening of the leg
- hypersensitivity (allergic) reactions to the implant materials
- implant damage or breakage
- possible nephrotoxic (kidney) and ototoxic (ear) effect (during the first days of implantation of the spacer) if used in conjunction with the systemic administration of aminoglycosides, glycopeptides or other nephrotoxic and/or ototoxic drugs
- difficulty removing the infected implants making it impossible to implant the REMEDY® Hip Spacer or the REMEDY SPECTRUM® GV Hip Spacer.

NOTE: There is also a possibility of having a reaction to the gentamicin antibiotic in the REMEDY® Hip Spacer or to the gentamicin and vancomycin in the REMEDY SPECTRUM® GV Hip Spacer. If this happens, early removal of the REMEDY® Hip Spacer or the REMEDY SPECTRUM® GV Hip Spacer may be required.

Benefits

The REMEDY® Hip Spacer and the REMEDY SPECTRUM® GV Hip Spacer allows limited mobility while systemic antibiotics are received to treat the infection in your joint. You must use some form of mechanical assistance to walk (i.e., cane, crutches, walker, etc.).

Before Surgery

- Talk with your doctor to understand what you will be expected to do after surgery.
- Ask your surgeon to explain all the possible problems of the REMEDY® Hip Spacer and the REMEDY SPECTRUM® GV Hip Spacer implants.
- Tell your doctor about all physical or mental conditions. Your doctor will need to have complete and accurate information on your health status in order to decide whether the REMEDY® Hip Spacer or the REMEDY SPECTRUM® GV Hip Spacer are right for you.
- Ask your doctor to explain any other treatment options so you will have an understanding of other ways your infection could be treated. It is important that you understand the benefits and possible complications of each treatment option.

During Surgery

All previous implants and damaged bones and tissues are removed. The joint area is cleaned, then the surgeon determines the proper size implant and the REMEDY® Hip Spacer or the REMEDY SPECTRUM® GV Hip Spacer is implanted. The surgeon checks the range of motion of your hip joint and closes the surgical site.

Post Surgery

After surgery, your doctor will instruct you on how to properly take care of your REMEDY® Hip Spacer implant or the REMEDY SPECTRUM® GV Hip Spacer. This involves restricting certain activities and limiting the amount of weight you place on your hip. You should follow your doctor's instructions closely to protect the REMEDY® Hip Spacer or the REMEDY SPECTRUM® GV Hip Spacer from damage. If the REMEDY® Hip Spacer or the REMEDY SPECTRUM® GV Hip Spacer is damaged, it may have to be removed earlier than planned. This could mean additional surgeries and add to your overall recovery time.

Your doctor will schedule regular checkups including x-rays and/or removal of fluid from your hip joint to ensure the infection is healing. The checkups may also include drug monitoring tests to make sure the level of drugs in your system is correct. After the infection is healed, you will need to have a second surgery to remove the REMEDY® Hip Spacer or the REMEDY SPECTRUM® GV Hip Spacer and implant a permanent hip joint implant.

Important Cautions

- Report any unusual pain or discomfort to your doctor immediately
- Report any problems with your hearing and/or balance to your doctor immediately
- Do not walk without crutches, a cane, a walker or another form of assistance
- Do not take part in sporting activities
- Try not to gain weight during this temporary period
- Do not use alcohol or drugs that could interfere with your coordination and balance
- Do not go places where you could easily fall

Note: The REMEDY® Hip Spacer and the REMEDY SPECTRUM® GV Hip Spacer implants are only for temporary use. The spacer should be removed within 180 days and replaced by a permanent hip prosthesis if your clinical situation allows for it. If a permanent hip prosthesis cannot be safely implanted, your surgeon may choose to perform another type of procedure.

Questions

For further product information, please contact Customer Service.

Caution

Federal law restricts this device to sale by or on the order of a physician.

For internal use



Manufactured By:



6800 Poplar Avenue | Suite 120 | Memphis, TN 38138

901.453.3141 | info@OsteoRemedies.com | OsteoRemedies.com

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