IMPORTANT: Please deliver to inventory control

What is the shelf life of a BioMedtrix implant?

Five (5) years.

*Use inventory on a **FIRST IN, FIRST OUT** basis*

Why is shelf life important?

1. Polyethylene sterilized by gamma irradiation has the potential for oxidation, increasing with time on the shelf. ***This oxidation affects strength, leads to accelerated wear, and can ultimately cause implant failure.*** While we use the highest quality polyethylene in our implants, all polyethylene is subject to oxidation after years on the shelf.
2. Sterility of our implant packaging has been tested and validated to five years. Sterility beyond five years has not been tested.

How can I tell when my implant was sterilized?

Implant boxes processed since 2010 are marked with the date of sterilization.[1] As of August 2013 the boxes indicate both the sterility date and expiration date, which is five years from the sterility date.

Implants packaged without a sterility date are more than five years old and should not be used.

Implants are generally shipped within one year of sterilization, and in most cases within six months or less.

Can my implant be re-sterilized?

Current generation[2] metal-only implants in the unopened original packaging may be returned to BioMedtrix for repackaging and sterilization. The fee for this service is $85 per implant.

Please contact us for authorization and scheduling before returning any product for reprocessing.

Polyethylene implants or implants with polyethylene components (acetabular cups, tibial knee components) cannot safely be reprocessed due to the increased risk of oxidation.

Is the red dot on the product box an indicator of sterility?

The function of the dot is to distinguish gamma-exposed (sterilized) product from unexposed product. It is not an indicator of shelf life.

How should the implants be stored?

Implants should be stored unopened in their original packaging, away from direct sunlight, and at typical indoor temperature and humidity.

[1] Most products. Sterility dates for unmarked implants can be obtained from BioMedtrix.
[2] Excludes CFX stems manufactured before 2003 (cat. no. 4-001-xA), BFX CoCr stems before 2005

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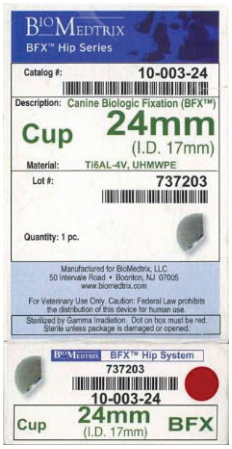
Current Labels

Retired Labels



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