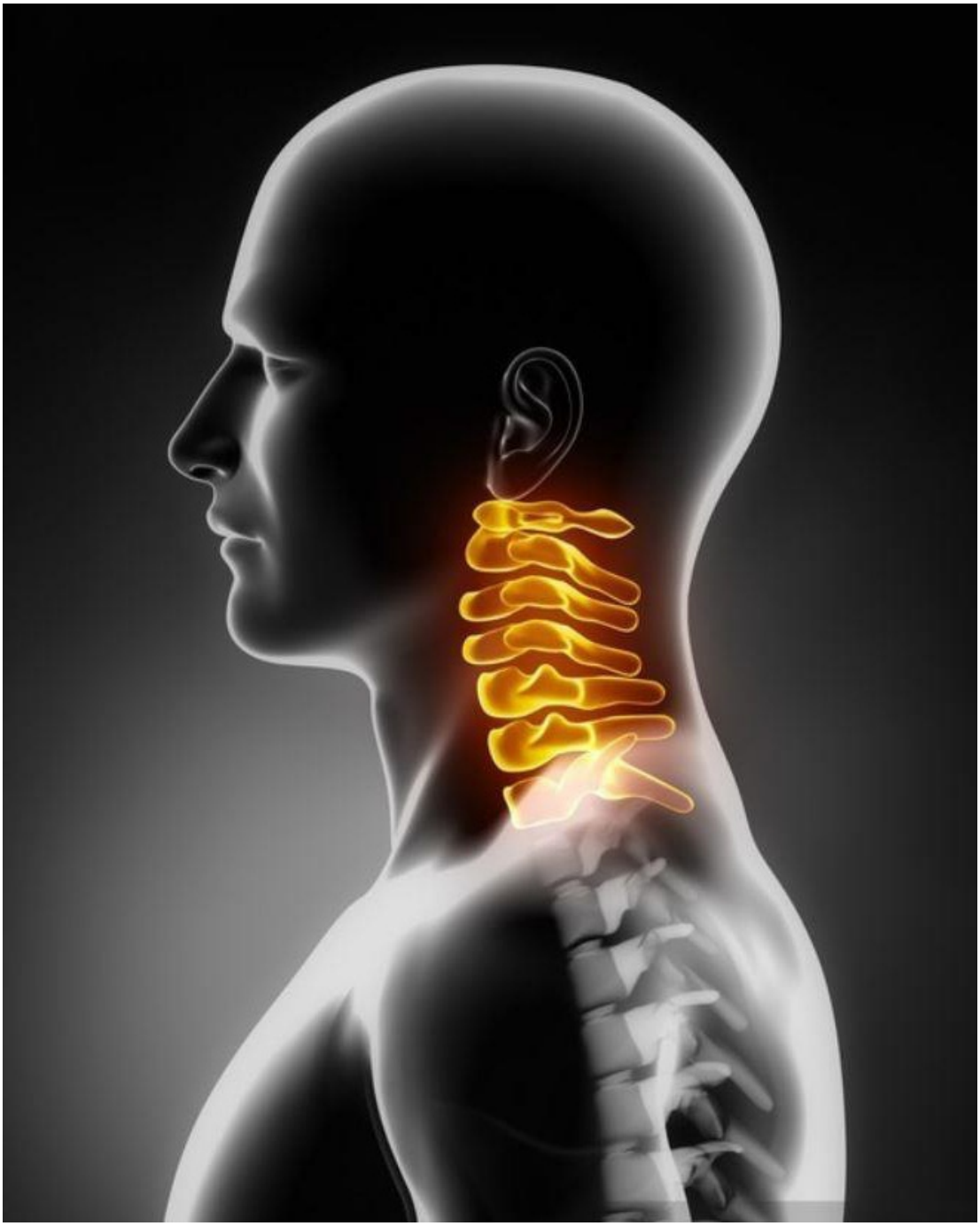

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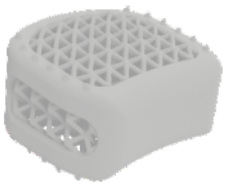
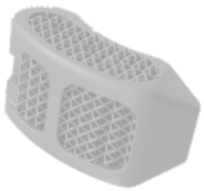


BMD Titanium
ACIF Implant

BMD Titanium
ACIF GW Implant



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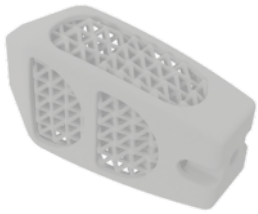
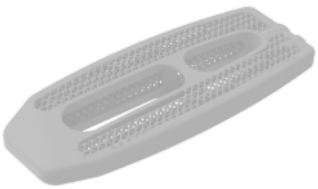


BMD Titanium
PLIF Implant

BMD Titanium
TLIF GW Implant

BMD Titanium
PLIF GW Implant



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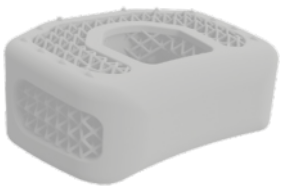
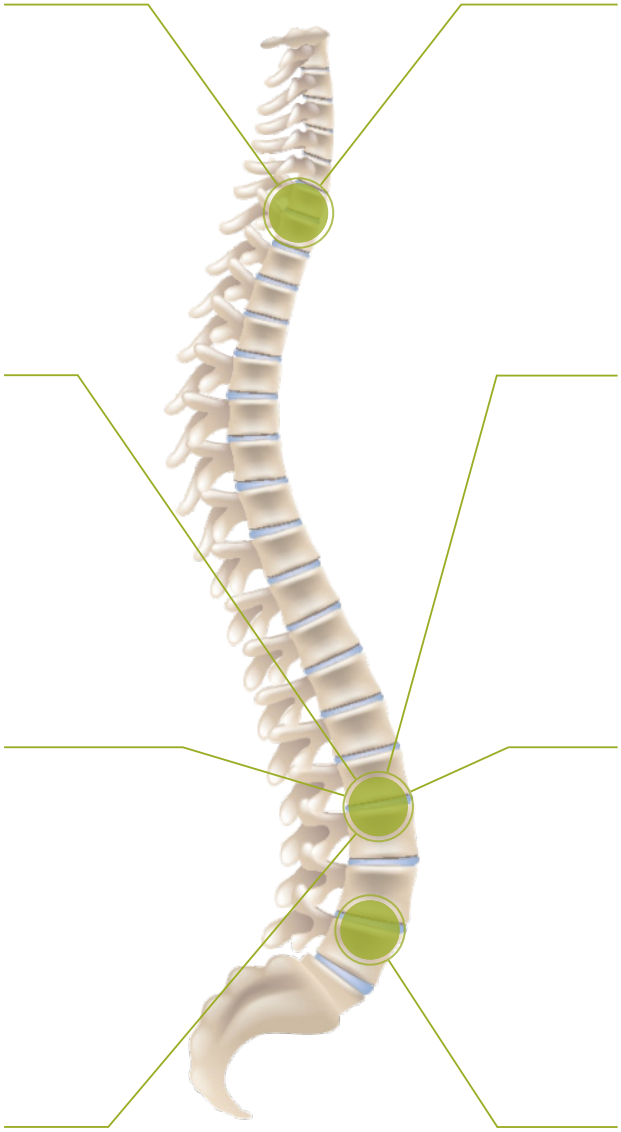


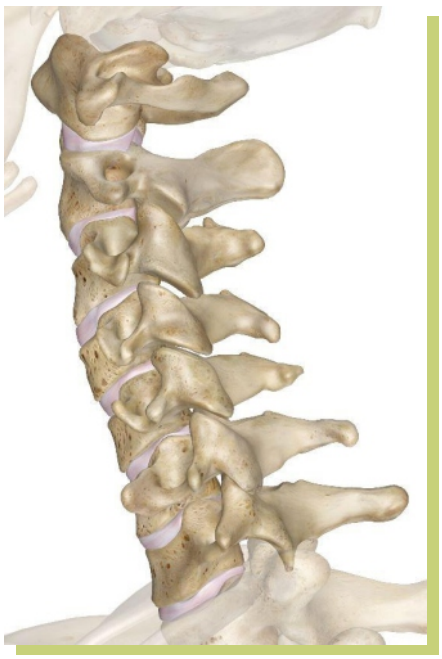
BMD Titanium
ALIF Implant



3D-printed spinal fusion Global BMD Titanium Implants®

WHAT IS AN ACDF SURGERY?

An Anterior Cervical Discectomy and Fusion (ACDF) procedure is a type of spine surgery that is performed from the front (anterior) of the neck (cervical spine). ACDF surgery is a common procedure relative to overall spine surgeries and has a long and well-studied record of positive outcomes. An ACDF surgery consists of removing a damaged or unstable disc and replacing it with a spacer which maintains the disc height while bone grows across the joint. ACDF procedures may be performed with the use of a small plate and screws to provide additional support until fusion occurs. The ACDF procedure provides the physician with a clear approach to the cervical disk in order to decompress the nerves with the goal of pain reduction.



WHAT IS THE PURPOSE OF MY ACIF IMPLANT?

This implant acts as a mechanical support for the vertebrae while bone grows between vertebral bodies during the fusion (bone healing) process.

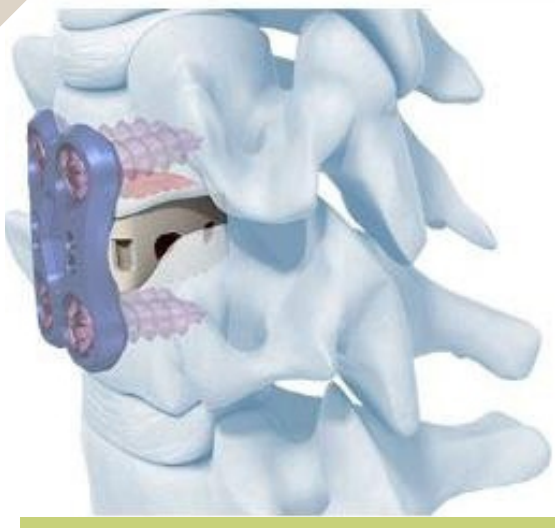
HOW IS AN ACDF PERFORMED?

1. Approach: Traditionally, a small in - cision is created over the treatment area. The size of the incision can vary based on number of levels and or complexity of the case.

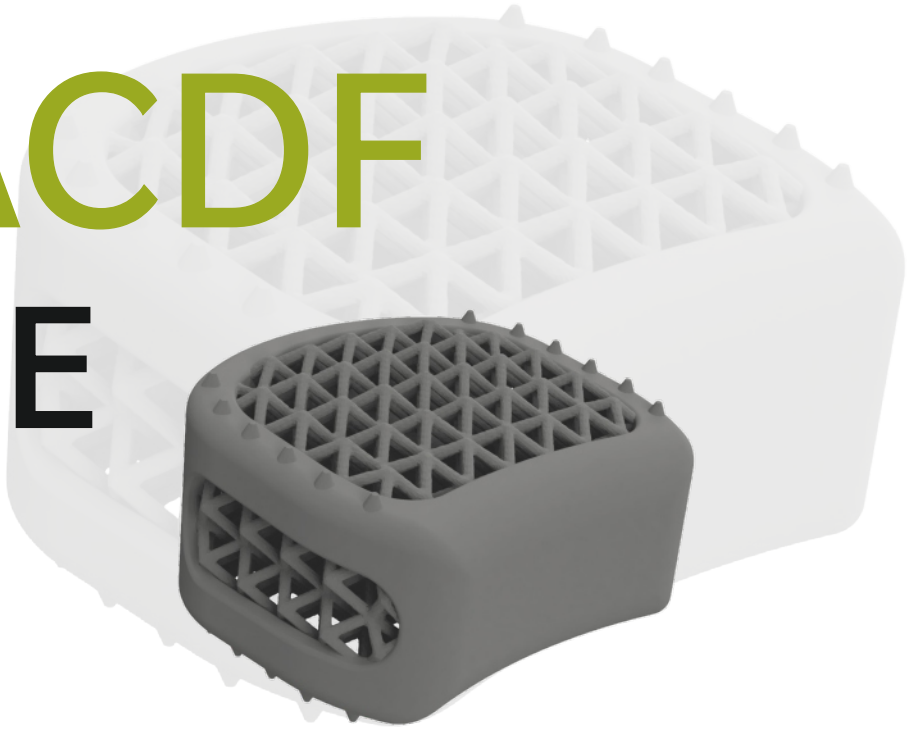
2. Disc Removal: The diseased or damaged disc is removed to reduce pressure on the spinal cord or nerve root.

3. Insert ACIF IMPANT: An implant is inserted into the void left once the disc is removed. This implant acts as a mechanical support for the vertebrae while bone grows between vertebral bodies during the fusion (bone healing) process.

4. Additional Fixation: Your surgeon may choose to put a small plate across the joint to provide additional stabilization for the vertebra while they heal.



MY ACDF DEVICE



WHAT IS THE NAME OF MY IMPLANT?

BMD TITANIUM ACIF IMPLANT

WHAT IS MY IMPLANT MADE FROM?

BIOCOMPATIBLE TITANIUM (TI64 ELI).

WHERE IS MY IMPLANT MANUFACTURED?

GLOBAL BIOMEDICA: CZECH REPUBLIC,
737 01 CESKY TESIN, OSTRAVSKA 555/24

AFTER SURGERY WHAT CAN I EXPECT?

After surgery you will wake up in the recovery room, where your vital signs will be monitored, and your immediate postoperative condition will be carefully observed. Once the medical staff feels that you are doing well, you will be returned to your room in the hospital.

HOW DO I MAINTAIN AND MONITOR MY DEVICE?

Your physician will determine the best postoperative course for you. This will include any medications to take home, as well as a prescribed program of activities. Your physician will provide instructions on wound care, exercises, and limitations to postoperative activity.

WHAT SHOULD I EXPECT FROM MY RECOVERY?

Many patients will notice improvement of some, or all of their symptoms and pain may diminish a few weeks after surgery. However, recovery time varies between patients. Typically, it is the surgeon's goal for the patient to eventually return to his/her preoperative activities. A positive attitude, reasonable expectations and compliance with your doctor's post-surgery instructions may all contribute to a satisfactory outcome. Please consult your physician to discuss clinical indications and contraindications for this type of surgery.

WHAT ARE THE POTENTIAL RISKS OF OF AN ACDF SURGERY?

Keep in mind that all surgery presents risks and complications that are important to discuss with your surgeon prior to your surgery. Listening to your physician's guidance, both before and after surgery, will help your recovery.

Potential risks following ACDF surgery include:

- Problems with anesthesia
- Blood vessel damage
- Nerve or spinal cord damage
- Problems with the interbody device or hardware (movement or potential immune rejection)
- Ongoing pain

The safety of the BMD Titanium ACIF Implant in the MR environment is unknown. Since scanning may result in injury please consult your physician for further information.

This is not intended to be a complete list of the possible complications. Please contact your physician to discuss all potential risks.

FREQUENTLY ASKED QUESTIONS?

CAN I SHOWER AFTER SURGERY?

Depending on your surgical incision, you may have showering restrictions. Ask your physician for appropriate instructions.

WILL I HAVE A SCAR?

Your physician will discuss the incisions that will be made during a ACDF surgery.

WHEN CAN I DRIVE?

For a period after your surgery, you may be cautioned about activities such as driving. Your physician will tell you when you may drive again.

CAN I TRAVEL?

The implants used in the ACDF procedure may activate a metal detector. Because of increased airport security measures, please call your local airport authority before traveling to get information that might help you pass through security more quickly and easily. Ask your physician to provide a patient identification card.

Australian Distributor: E4 Surgical

Email: admin@e4surgical.com

Website: www.e4surgical.com

1. For more information about ACDF procedures and BMD ACIF Implant visit:

https://globalbmd.com/

2. If you would like to learn more about patient support and education for chronic back, leg and neck pain sufferers and their loved ones please visit:

https://www.thebetterwayback.org

If you have any questions about ACDF or spine surgery, please call or visit your physician, who is the only one qualified to diagnose and treat your spinal condition. This patient information brochure is not a replacement for professional medical advice.

Any serious incident that occurs in relation to the device should be reported to the manufacturer and to the Therapeutic Goods Administration, refer to:

https://www.tga.gov.au/

RELEASE DATE STAMP:

DOCUMENT VERSION: 1

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Disclaimer: This document is intended exclusively for physicians and is not intended for laypersons. Information on the products and procedures contained in this document is recommendations. Because this information does not purport to constitute any diagnostics or therapeutic statement with regard to any individual medical case, each patient must be examined and advised individually, and this document does not replace the need for such examination and/or advice in whole or in part.

⚠ Caution: Please see the product Instructions for Use for a complete listing of the indications, contraindications, precautions, warnings and adverse effects.

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