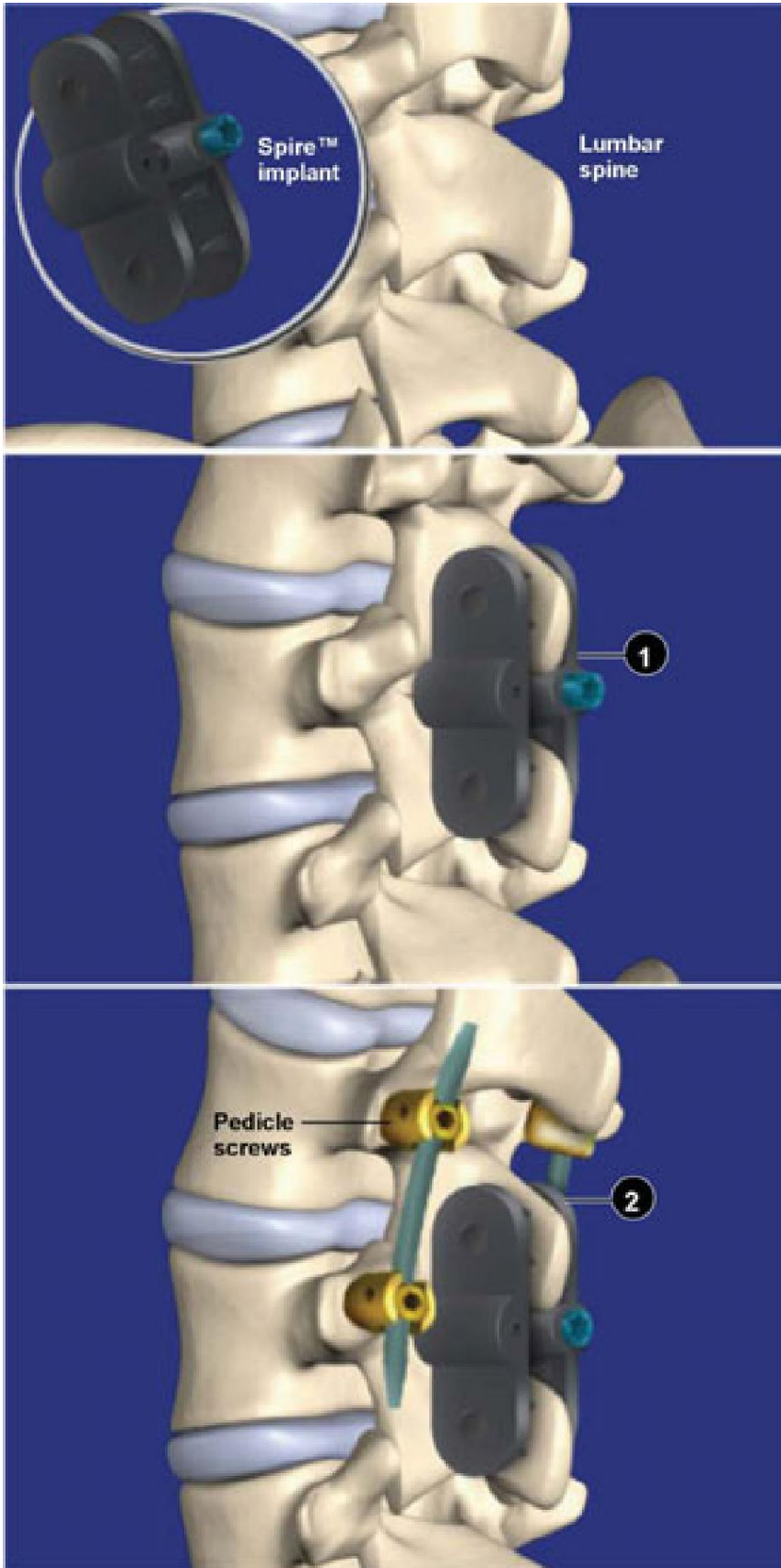




Lumbar Spinous Process Plating (CD Horizon® SPIRE™)



Overview

In this minimally-invasive procedure, a metal device is implanted to stabilize the spine and help relieve back problems from conditions such as spinal stenosis, spondylolisthesis, and degenerative arthritis. This procedure is often performed in addition to spinal fixation with pedicle screws and rods.

Preparation

Anesthesia is administered and the patient is positioned. A small incision is made in the lower back.

Accessing the Spine

An opening is created through the ligaments at the rear of the spine. The surgeon can now access the spinous processes, the bony protrusions on the back of the spine, of the problem vertebrae.

Implanting the SPIRE™ Device

Using fluoroscopic guidance, the surgeon opens a space between the spinous processes. The SPIRE™ implant is inserted through the incision and placed between the spinous processes.

The Completed System

The SPIRE™ system, combined with other implants such as pedicle screw fixation or an interbody cage device, provides rigid spinal fixation and optimizes the chance of achieving a solid spinal fusion.

End of Procedure

The incision is closed with sutures and a bandage is applied. Patients typically can leave the hospital within a few hours.

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