The Fusion of Power and Performance.
Leading the Way in Lumbar Interbody Fusion with 10 Years of Clinical Results.

The JAGUAR™ Lumbar I/F CAGE® System, approved in the U.S. in February 1999, has revolutionized interbody fusion treatments by providing surgeons with the first radiolucent interbody device to allow for accurate post-operative fusion assessment.

Since that time, more than 25,000 patients have benefited from the JAGUAR product line. The only system with documented 10-year clinical results, it has been proven to achieve fusion rates at or above 90%, and restore and maintain disc heights.

Tantalum Marker Beads
Visualization of implant is achieved by tantalum marker beads.

Surface Teeth
Help to resist implant migration in the disc space.

Large Cranial/Caudal Openings
Allow the maximum area for bone graft inside the cage and the most surface area for bone graft-to-endplate contact.

Continuous Lateral Openings
Provide for vascularization throughout the cage to enhance fusion.
Achieving Normal Sagittal Plane Alignment

JAGUAR cages are available in 0°, 5° and 10° of lordosis allowing the surgeon to achieve proper sagittal plane alignment.

In a clinical study of the JAGUAR Wedged I/F CAGE, post-operative L4-S1 sagittal alignment averaged 30.4° and fell within the range of normal values previously reported in the literature.

A published report by Jackson and McManus reported that distal lordosis averaged 41 ± 11.2° in normal volunteers and 36 ± 12.8° in patients with low back pain.

Unparalleled Clinical Success Rate at Ten-Year Patient Follow-Up

Thirty-three patients treated with the JAGUAR cage as part of the IDE study, had an average post surgical follow-up of 115.5 months. The high rate of clinical and fusion success demonstrated in these patients at 24 months was maintained at ten-year follow-up.

A prospective, multi-center IDE clinical study was conducted to evaluate the safety and effectiveness of the JAGUAR System in patients with Degenerative Disc Disease (DDD).

CLINICAL SUCCESS

The JAGUAR System yielded excellent clinical results. Patient satisfaction was 86% at 24 months, as judged by the patient.

Patient success rate using the JAGUAR System at 24 months and 10 years. (One patient judged fused at 24 months was reported as a fusion failure at 10 years).
Performance.

**DISC HEIGHT MAINTENANCE**
Clinical study data shows that the JAGUAR System effectively maintains disc height over time.

![Bar chart showing disc height maintenance](chart1.png)

Patient disc height is restored and maintained 24 months post surgery with the JAGUAR cage.

**FUSION SUCCESS**
The JAGUAR System demonstrated high fusion rates (90%) at 24 months, while adhering to a strict definition of fusion. At a minimum, the patient had to demonstrate increased density of the fusion mass from one x-ray interval to the next. In this scale, the 10% of patients who were graded as a pseudoarthrosis demonstrated bone bridging the fusion area with no lucencies at 24 months.

![Bar chart showing fusion success](chart2.png)

Fusion results 12 months and 24 months following surgery with the JAGUAR cage.
DePuy Spine introduces the Big Cats, a family of spinal fusion implants made of Carbon Fiber Reinforced Polymer, the premier fusion enabling material to reconstruct the anterior column of the spine.

**STRENGTH**
200% greater than pure PEEK

**OPEN DESIGN**
Maximum area for bone graft and lateral vascularization

**PROVEN CLINICAL SUCCESS**
CFRP implants have over a decade of use in the spine

**RADIOLUCENCY**
Accurate fusion assessment

They lie undetected in their environment…

Powerful teeth ready to grip any surface…

Sleek, strong bodies agile enough to conquer any terrain…

CFRP.

Unleash the Power & Performance
INDICATIONS

The JAGUAR Lumbar I/F CAGE® is indicated for an open posterior approach, using autogenous bone graft in patients with Degenerative Disc Disease (DDD) at one or two spinal levels from L2-S1 whose condition requires the use of interbody fusion, combined with posterolateral fusion (360° fusion) and posterior pedicle screw fixation. The JAGUAR Lumbar Wedged I/F CAGE is indicated for an open posterior approach, using autologous bone graft in patients with Degenerative Disc Disease (DDD) at one or two levels from L4-S1 whose condition requires the use of interbody fusion, combined with posterolateral fusion (360° fusion) and posterior pedicle fixation. These patients may have had a previous non-fusion spinal surgery at the involved spinal level(s).

DDD is defined as discogenic back pain with degeneration of the disc confirmed by history and radiographic studies.

Notice: There are labeling limitations for the use of the JAGUAR Lumbar I/F CAGE System. See the package insert supplied with this device for important information.

LIMITED WARRANTY AND DISCLAIMER: DePuy Spine products are sold with a limited warranty to the original purchaser against defects in workmanship and materials. Any other express or implied warranties, including warranties of merchantability or fitness, are hereby disclaimed. Please see the current price list for important warranty information.

CAUTION: USA Law restricts these devices to sale by or on the order of a physician.

DePuy Spine is a joint venture with Biedermann Motech GmbH.

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To order, call DePuy Spine Customer Service (1-800-227-6633).


CFRP. Unleash the Power & Performance

Unleash the Power & Performance

More than 25,000 patients treated.

Interbody fusion success of 90% or greater.

The only interbody system with documented 10-year clinical success.

Lordotic cage design proven to restore normal sagittal plane alignment.

DePuySpine
a Johnson & Johnson company

Ingenuity. Integrity. Infinite possibilities.

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