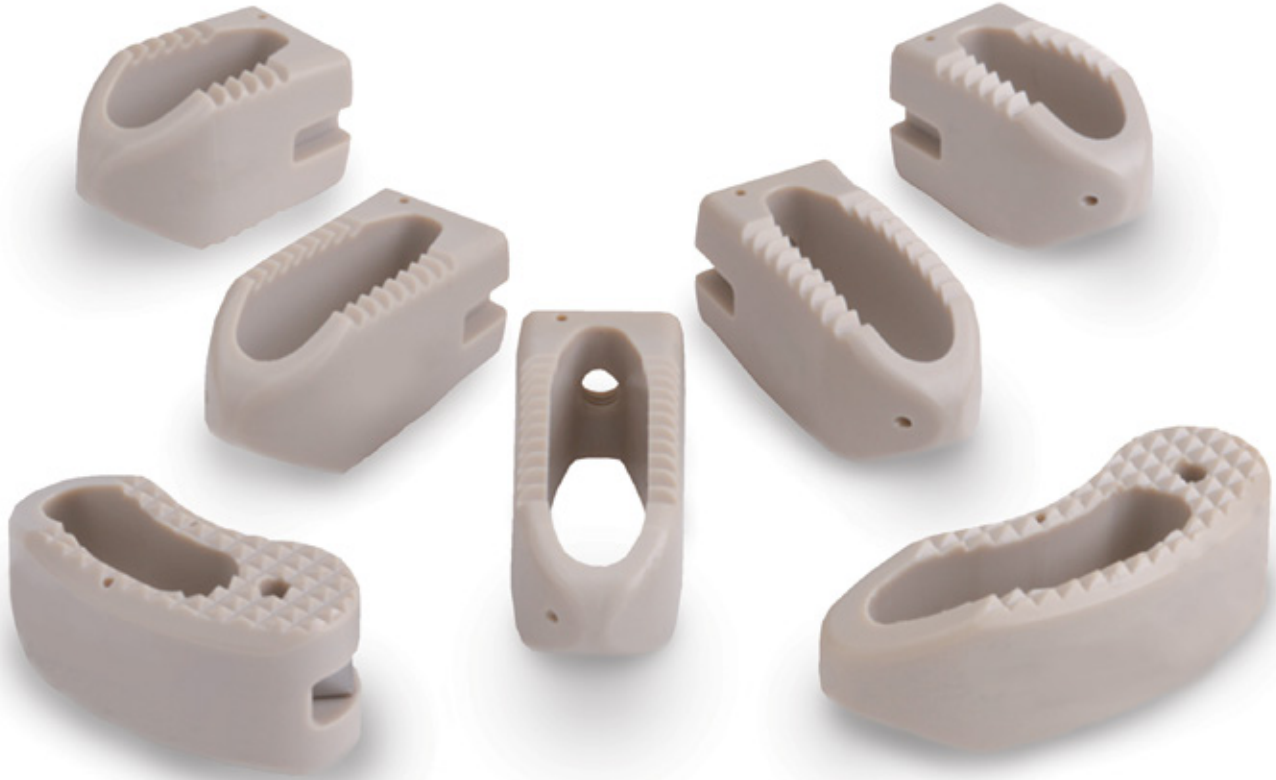




ZIMMER BIOMET

Your progress. Our promise.™



Thoracolumbar Solutions

Zyston[®]

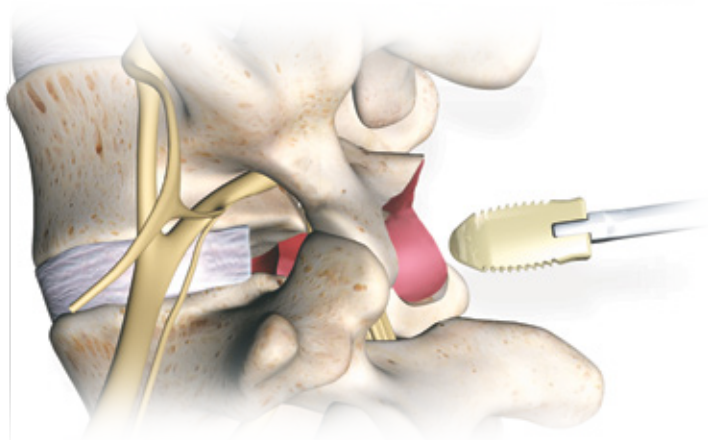
Interbody Spacer System

Featuring both straight and curved spacers, the Zyston System is designed to optimize your procedures through simplified insertion and accurate placement.

Enhance Control and Precision in Each Procedure

The Zyston System is purposefully engineered to address two of your most important clinical needs: **insertion and placement.**





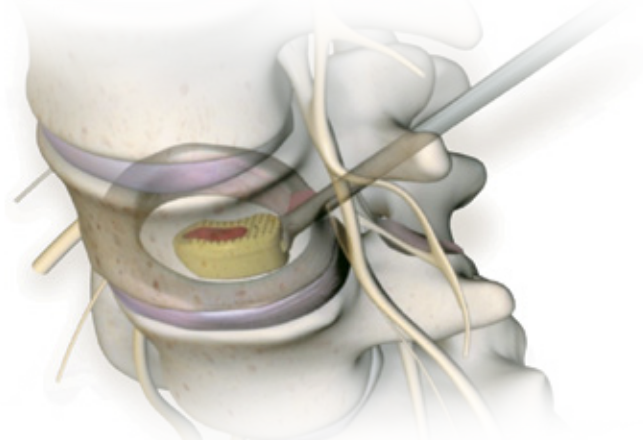
Zyston® Straight Interbody Spacer

Simplified Insertion

- Secure tactile control
- Clear visualization
- Assertive tapered leading edge

Accurate Placement

- Robust implant/insertion interface
- Markers that provide confidence and confirmation



Zyston® Curved Interbody Spacer

While a clinically efficient procedure, placement of the TLIF interbody cage poses a challenge to surgeons due to anatomical anomalies and instrumentation that does not permit the proper orientation of the spacer. To optimize this approach, the interbody cage needs to be placed in the anterior third of the disc space to support the biomechanical loads of the anterior column.

The Zyston Curved System is designed to address this challenge through simplified insertion and accurate placement.

Simplified Insertion

- Secure tactile control
- Clear visualization

Accurate Placement

- Controlled articulating mechanism that provides variable and fixed angulation
- Markers that provide confidence and confirmation

Zyston Straight System: Simplified Insertion



Secure Tactile Control

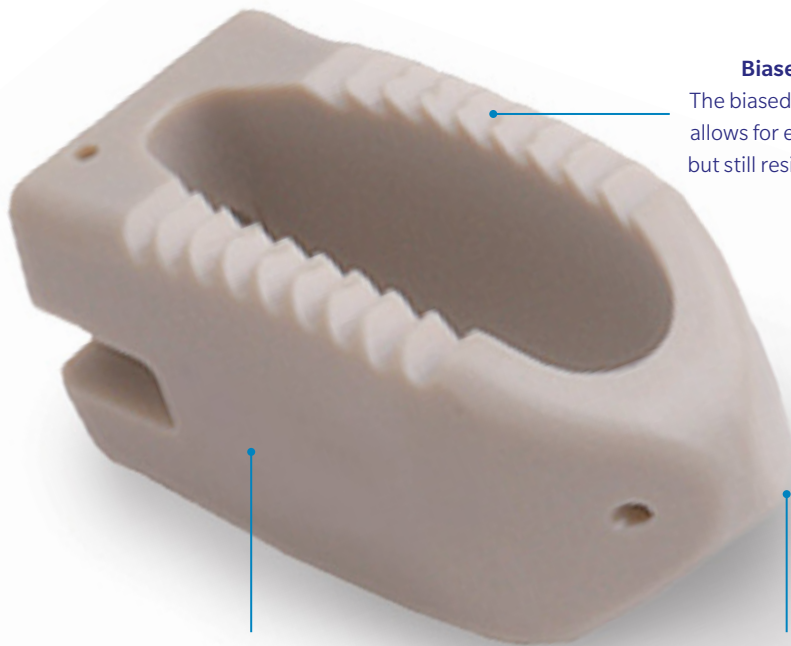
By providing a strong bond between the Zyston Straight System inserter and implant, the system promotes secure tactile control throughout the insertion process. This can minimize the number of passes through the annulotomy window.



Clear Visualization

Offering a 8mm × 5mm inserter with a low profile, the Zyston Straight System delivers clear visualization during the entire insertion process.

IMPLANT DESIGN



Biased teeth

The biased teeth pattern allows for easy insertion, but still resists expulsion.

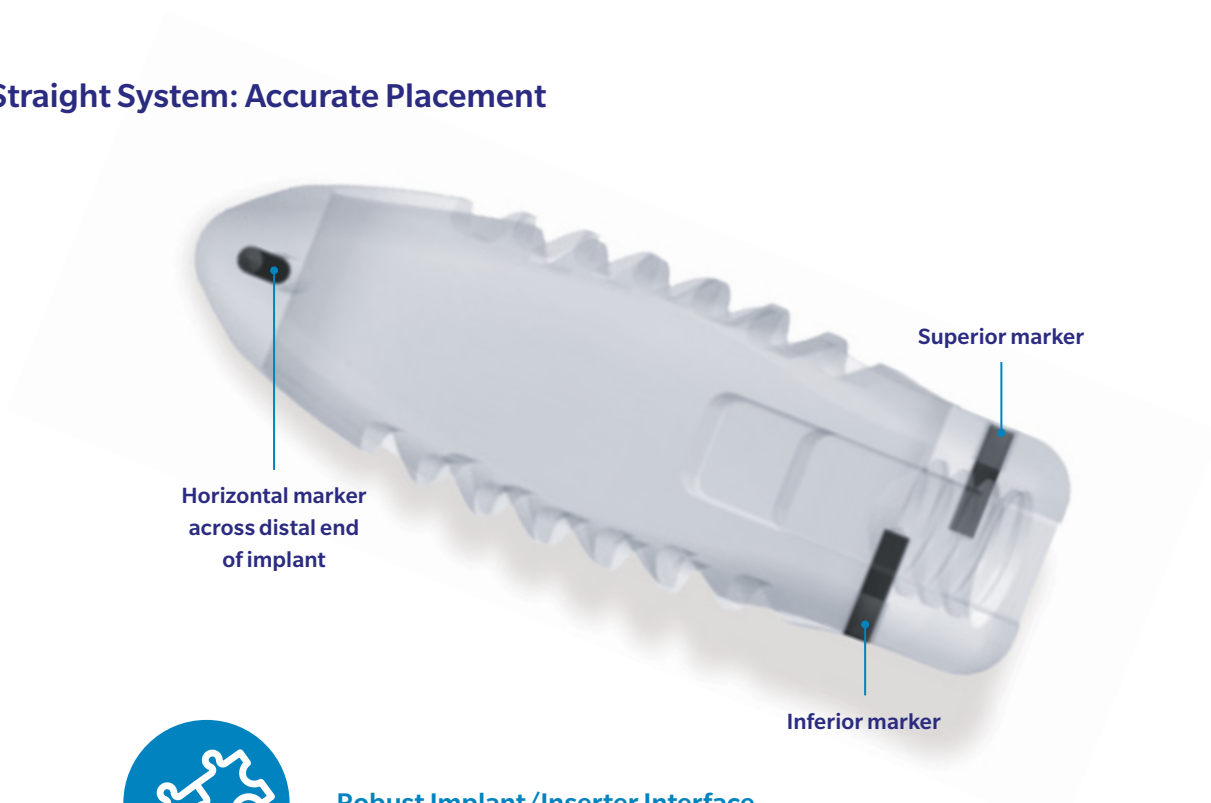
Rounded side walls

Rounded side walls provide a smooth edge during the insertion process.

Assertive leading edge

The bi-directional leading edge of the implant is approximately $\frac{1}{3}$ the height of the implant, which allows the implant to be placed in the tightest anatomical locations.

Zyston Straight System: Accurate Placement



Horizontal marker
across distal end
of implant

Superior marker

Inferior marker



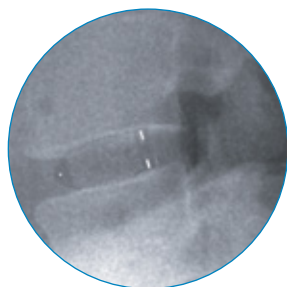
Robust Implant/Inserter Interface

The Zyston Straight System is designed with an enhanced connection between the implant and the inserter. This enhanced connection delivers both tensional stability and rotational guidance, which allows you to accurately guide the implant into the desired position within the intervertebral space.



Confidence and Confirmation

A series of strategically placed vertical and horizontal radio-opaque markers assist with the visualization of the correct anatomic placement.



Lateral view



Anterior/Posterior view

Zyston Curved System: Simplified Insertion



Secure Tactile Control

By providing a strong bond between the Zyston Curved System inserter and implant, this system is designed to ensure secure tactile control throughout the insertion process, which can minimize the number of passes through the annulotomy window.



Clear Visualization

With a 5.25mm diameter, the low profile inserter shaft provides clear medial visualization during the entire insertion process.

IMPLANT DESIGN

Biased teeth

The biased teeth pattern allows for easy insertion, but still resists expulsion



Threaded Screw Insert

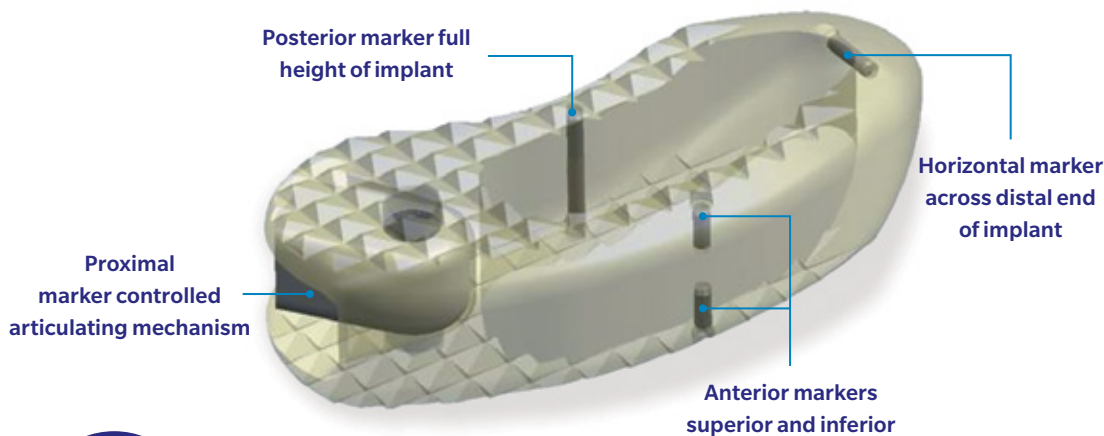
The threaded screw insert is designed to provide a secure bond between the implant and articulating inserter.

Assertive leading edge

The bi-directional leading edge of the implant is approximately $\frac{1}{3}$ the height of the implant, which allows the implant to be placed in the tightest anatomical locations.

Zyston Curved System: Accurate Placement

The Zyston Curved System incorporates an articulating threaded titanium insert. When connected to the low profile inserter, the spacer's controlled articulating mechanism allows the implant to articulate relative to the shaft, which allows you to guide the implant into the desired position within the intervertebral space.



Controlled Articulating Mechanism Provides Variable and Fixed Angulation

The Zyston Curved System inserter features a unique controlled articulating mechanism that allows the spacer to act with variable angulation at all times or to be fixed at a desired angle.

It's designed to achieve up to 55° of angulation.



Confidence and Confirmation

A series of strategically placed vertical and horizontal radiopaque markers assist with visualization of correct anatomic placement by indicating a plus sign when the spacer is placed in the correct plane.



Lateral view
(plus sign example)



Anterior/Posterior view
(plus sign example)



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