

The *StaXX*® Family of Expandable Devices



In Situ Distraction,
Minimal Retraction

Brought to you by the pioneers in stacked expandable technology

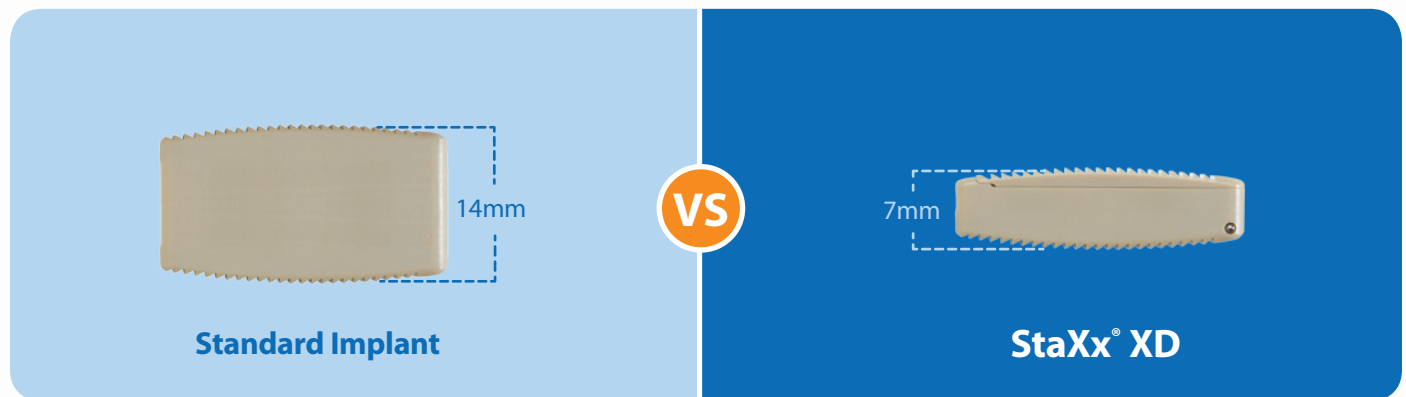
SPINEWAVE

The StaXx[®] Expandable Device Philosophy

Greater control for surgeons, less invasive for patients.

Sleek, low-profile design allows for a smaller working channel, which may result in...

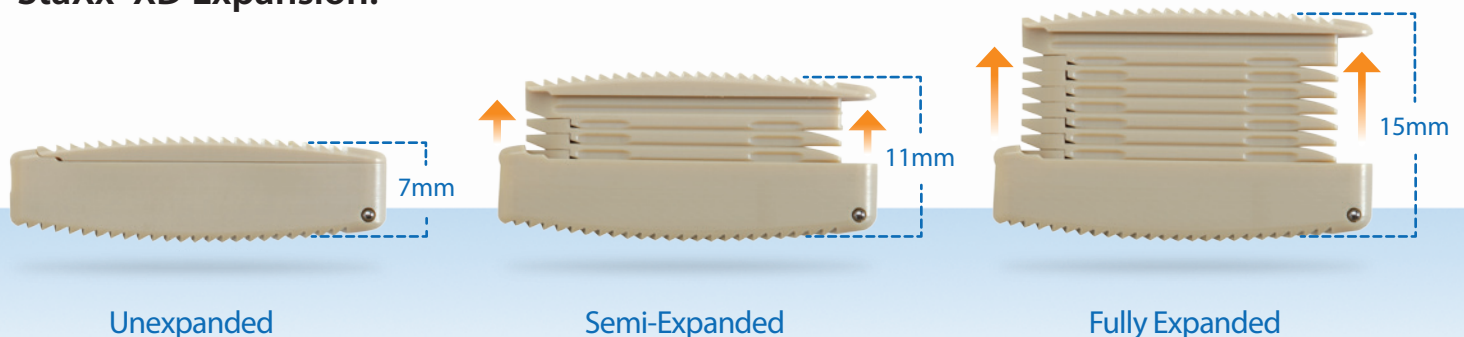
- Less bone removal
- Reduced neural and dural retraction



Expandable PEEK spacer allows for a customized fit:

- Expands in situ in 1mm increments
- Optimal implant-to-patient fit
- Precise sizing

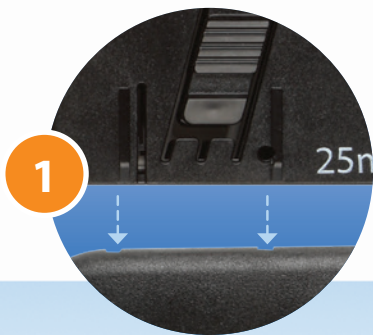
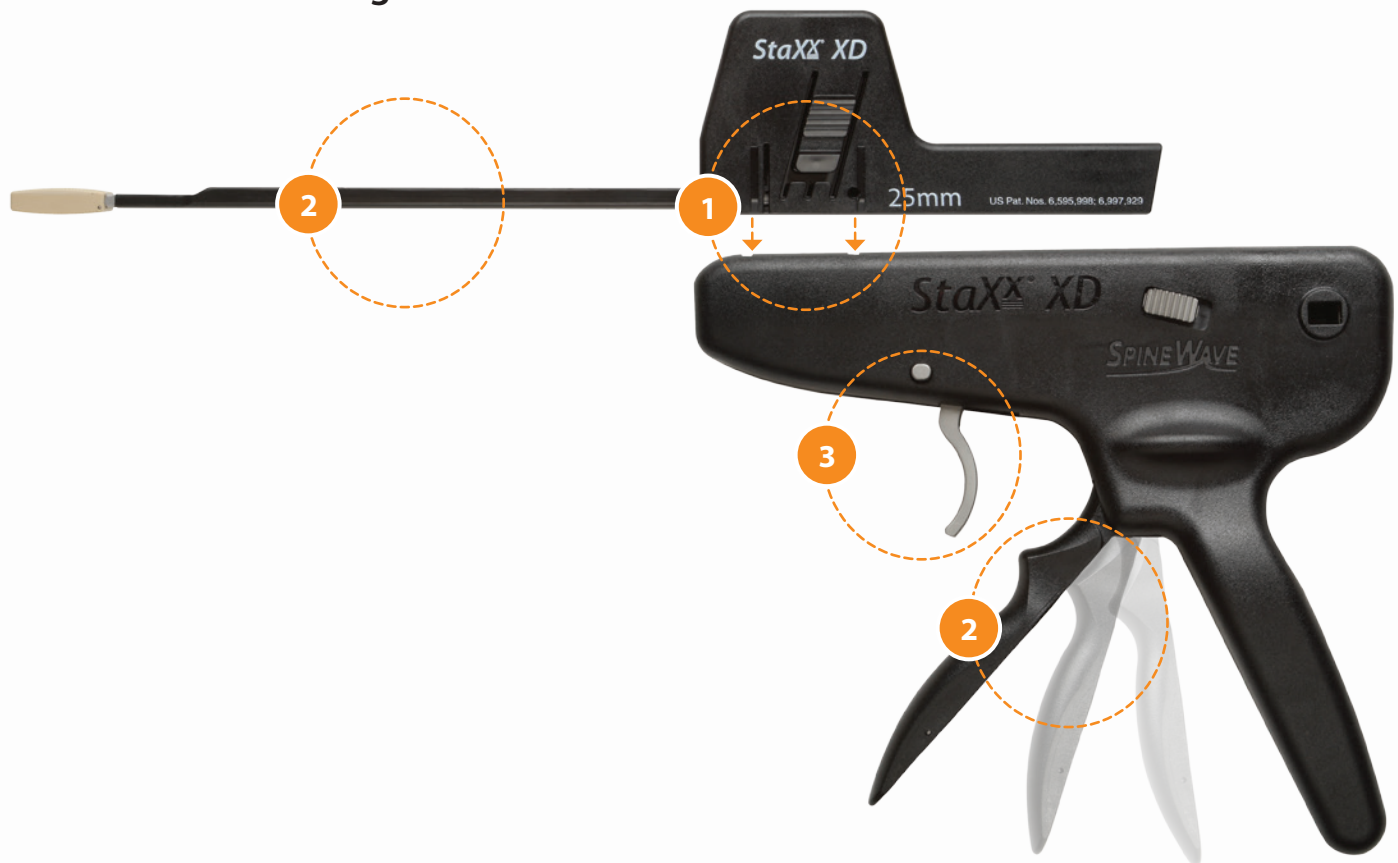
StaXx[®] XD Expansion:



The Unique StaXx[®] Delivery System

The StaXx[®] surgical gun offers the ideal combination of precision and flexibility, allowing surgeons to restore proper biomechanics and balance.

Tactile feel in the surgeon's hands:



Easy assembly of single-use implant cartridge to StaXx[®] gun



Each trigger pull advances a 1mm wafer into the implant, delivering controlled expansion while providing tactile feedback



Upon reaching final distraction height, implant cartridge disengages in one easy step

The StaXx[®] Family Offering*

Treatment options for a broad array of patient pathologies.

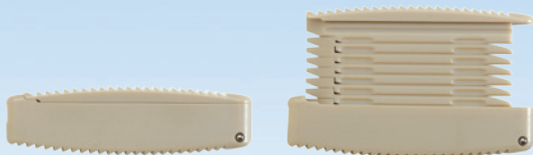
StaXx[®] XD Expandable Device (Convex)¹

Low profile expandable PEEK implant with a convex shape that conforms to the anatomical concavity of the endplates. A solid PEEK spacer maximizes surface area, increasing load distribution, which may reduce the likelihood of subsidence.

Size Offerings



22mm (L) x 9mm (W) | Unexpanded



25mm (L) x 9mm (W)
Unexpanded Side View | Expanded Side View



29mm (L) x 9mm (W)
Unexpanded Side View | Expanded Side View

StaXx[®] XD Expandable Device (Lordotic)¹

Low profile expandable PEEK implant with a lordotic shape to restore natural lordosis through a less invasive approach, which may result in better sagittal balance.

Size Offerings



8° | 22mm (L) x 9mm (W) | Unexpanded



8° | 25mm (L) x 9mm (W)
Unexpanded Side View | Expanded Side View



15° | 22mm (L) x 9mm (W)
Unexpanded Side View | Expanded Side View



15° | 25mm (L) x 9mm (W)
Unexpanded Side View | Expanded Side View

*The StaXx[®] Family of Devices includes both vertebral body replacement and interbody spacers in a wide range of sizes. For more details, including a complete offering of sizes, please contact your local Spine Wave representative.

1. Vertebral body replacement device. See back page for full indication statement.
2. Intervertebral body fusion device. See back page for full indication statement.

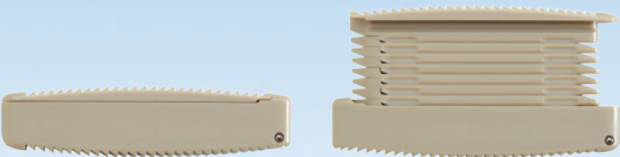
StaXx® XD Expandable Device (Wide Convex)¹

Low profile expandable PEEK implant with an additional 22% surface area over standard 9mm wide convex implants, decreases contact stress.

Size Offerings



25mm (L) x 11mm (W) | Unexpanded

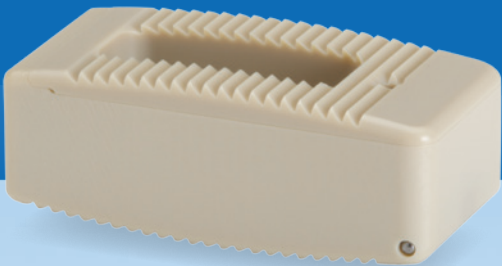


29mm (L) x 11mm (W)
Unexpanded Side View | Expanded Side View

StaXx® IB Expandable Interbody Device (Convex)²

Low profile expandable PEEK interbody implant with a graft chamber that allows for packing of graft material both inside and around the implant to promote fusion of the interbody space.

Size Offerings



25mm (L) x 12mm (W) | Unexpanded



Unexpanded Side View | Expanded Side View

Wide Convex



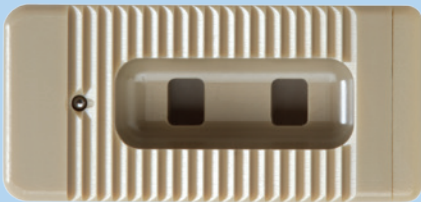
VS

Convex



StaXx® IB Graft Chamber

(Top View)

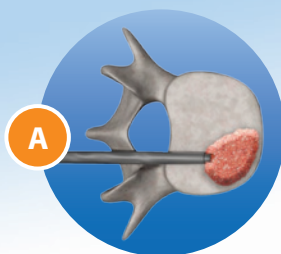


The StaXx[®] Grafting Technique

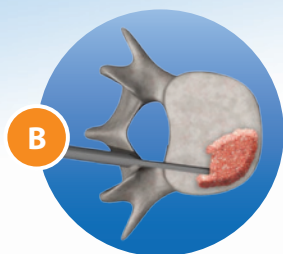
Effective grafting process allows for optimal placement and maximum graft volume.

Step One

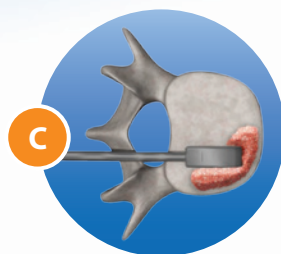
Initial placement of material



Pack graft material anterior using bone funnel and straight tamp.



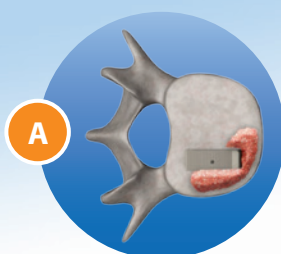
Sweep graft material lateral with flat paddle tamp.



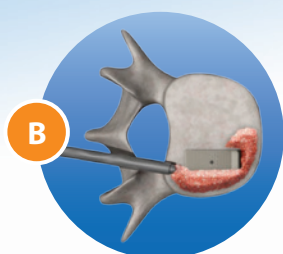
Use sizer to confirm positioning and impact graft material.

Step Two

Implant expansion and graft placement



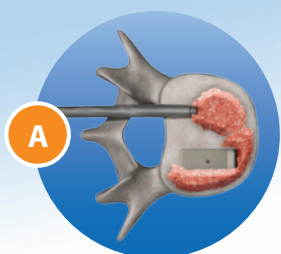
Insert StaXx[®] implant and expand *in situ* in 1mm increments.



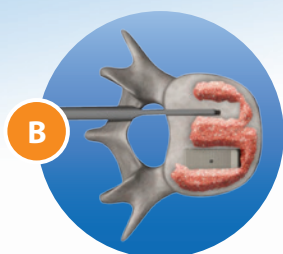
Pack additional graft material lateral to implant using bone funnel and straight tamp.

Step Three

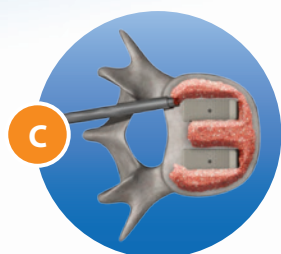
Contralateral implant expansion and graft placement



Pack graft material anterior using bone funnel and straight tamp.



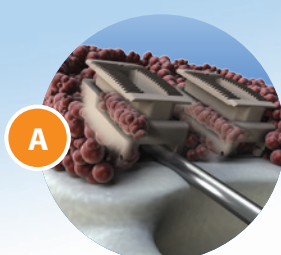
Sweep graft material lateral and medial with flat paddle tamp. Insert and expand StaXx[®] implant.



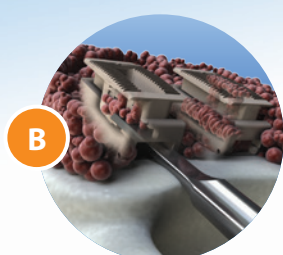
Pack additional graft material lateral to the implant using the bone funnel and straight tamp.

Step Four

Fill graft chamber (StaXx[®] IB only)



Use straight tamp to pack the graft material into the back of the implant.



Use angled tamp to push graft material up through the graft chamber. Repeat steps A and B to achieve desired graft volume.

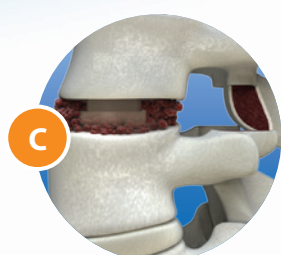
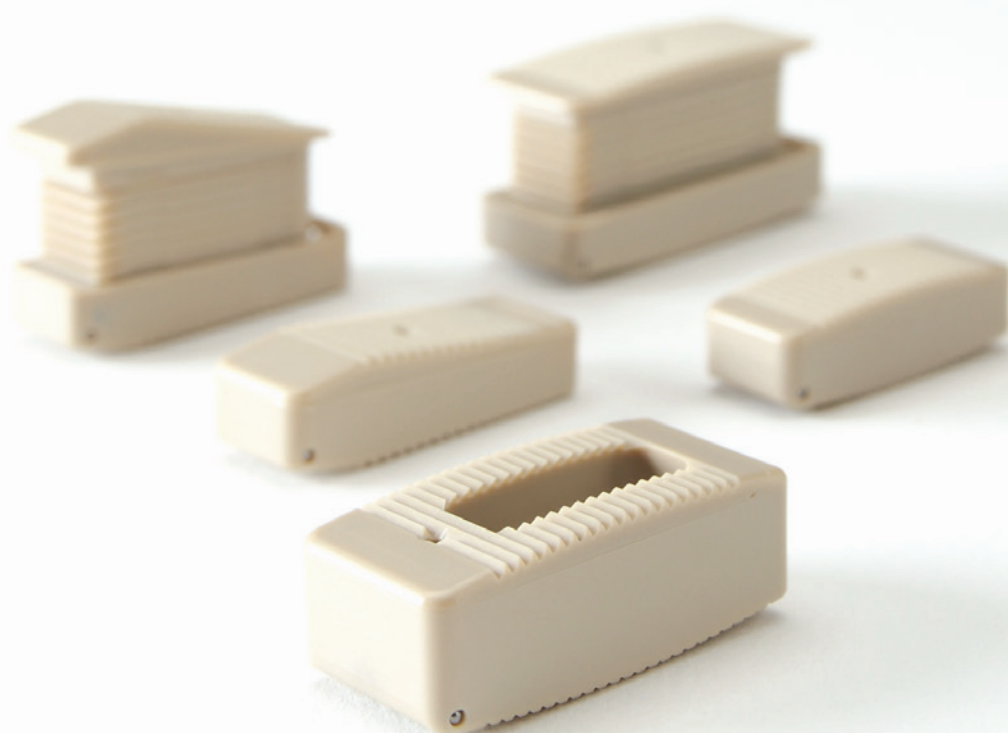


illustration shows final image once all steps are complete.

The *StaXX*® Family of Expandable Devices



In Situ Distraction, Minimal Retraction



For more information on the StaXx® product line:

- Contact your local Spine Wave representative
- Call Spine Wave at **877.844.4225**
- Email **marketing@spinewave.com**

1. The StaXx® XD System is a vertebral body replacement device intended for use in the thoracolumbar spine (T1-L5) to replace and restore height of a collapsed, damaged, or unstable vertebral body or portion thereof, due to tumor or trauma (i.e., fracture). The system is to be placed bilaterally and used with autograft or allograft and supplemental spinal fixation. The supplemental fixation system that is intended to be used with the StaXx® XD System is the CapSure® PS Spine System.
2. The StaXx® IB System is indicated for intervertebral body fusion procedures in skeletally mature patients with degenerative disc disease (DDD) of the lumbar spine at one or two contiguous levels from L2-S1. Degenerative disc disease is defined as discogenic back pain with degeneration of the disc confirmed by history and radiographic studies. These DDD patients may have up to Grade I spondylolisthesis or retrolisthesis at the involved level(s). The StaXx® IB System is to be used with autogenous bone graft and with supplemental fixation. Patients should have at least six (6) months of non-operative treatment prior to treatment with an intervertebral body fusion device.

For additional information, including contraindications, warnings and precautions, please consult the package insert of the StaXx® XD and StaXx® IB products.