



CLYDESDALE[®]

Spinal System

Product Information

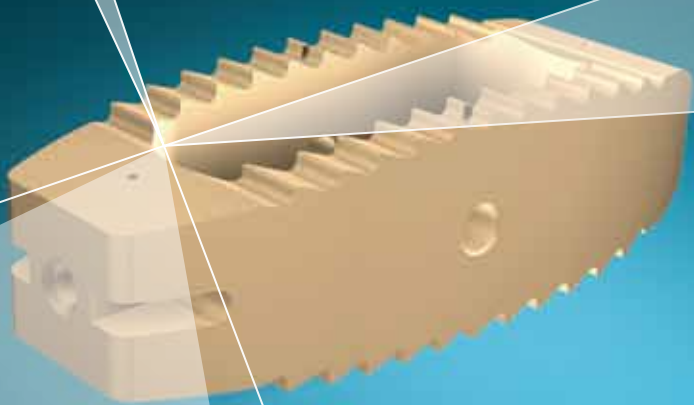
The CLYDESDALE[®] Spinal System is used for patients diagnosed with degenerative disc disease (DDD) at one or two contiguous levels from L2 to S1. These DDD patients may also have up to Grade I spondylolisthesis or retrolisthesis at the involved levels. DDD is defined as discogenic back pain with degeneration of the disc confirmed by history and radiographic studies. These patients should be skeletally mature and have had six months of non-operative treatment. These implants may be implanted via a minimally invasive lateral approach.

The CLYDESDALE[®] Spinal System is designed to be used with autogenous bone graft to facilitate interbody fusion and is intended for use with supplemental fixation systems cleared for use in the lumbar spine.

EXHIBIT
WARSAW2011
NuVasive, Inc. v.

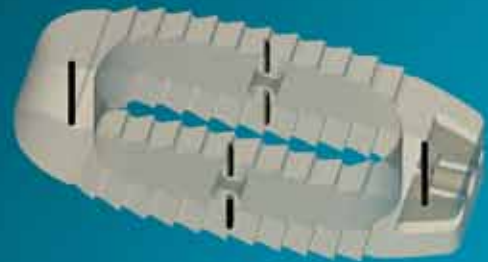
Product Features

- » Bullet-nose design aids distraction during insertion
- » Convex shape for anatomical fit with patient anatomy
- » Larger surface area allows for greater contact with bone**
- » Angular teeth to grip end plates for expulsion resistance
- » Tantalum markers allow radiographic visualization for placement verification
- » 6 degree lordosis (non-lordotic implant available)
- » 40mm, 45mm, 50mm, 55mm, and 60mm lengths*
- » There are some risks associated with minimally invasive spine surgery, including transitioning to a conventional open procedure, neurological damage, damage to the surrounding soft tissue, and, where used, instrument malfunction. Other risks associated with implants used include device migration, loss of spinal curvature, correction, height, and/or reduction.

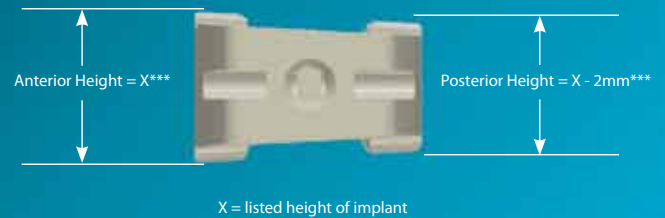


Implant Dimensions and Radiographic Marker Locations

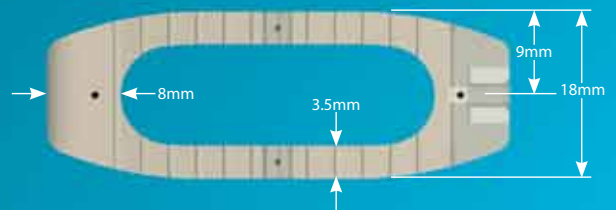
Angled View



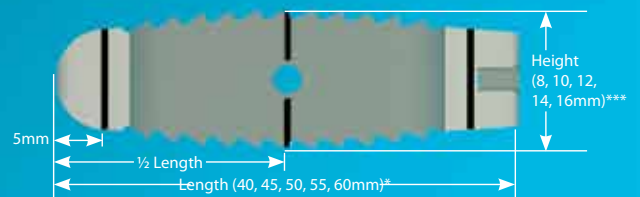
Lateral View (Lordotic)



Axial View



AP View



* 60mm length only available in the lordotic design.

** Contact your spine surgeon for more information.

Graft Volume and Surface Area

Height × Length	Graft Volume* (cc)	
	6 degree	0 degree
8mm × 40mm	1.40	1.60
10mm × 40mm	1.80	2.10
12mm × 40mm	2.30	2.60
14mm × 40mm	2.80	3.00
16mm × 40mm	3.30	3.50
8mm × 45mm	1.70	2.02
10mm × 45mm	2.22	2.59
12mm × 45mm	2.64	3.17
14mm × 45mm	3.37	3.75
16mm × 45mm	3.95	4.33
8mm × 50mm	2.09	2.37
10mm × 50mm	2.61	3.05
12mm × 50mm	3.27	3.74
14mm × 50mm	3.99	4.43
16mm × 50mm	4.66	5.12
8mm × 55mm	2.36	2.74
10mm × 55mm	3.15	3.51
12mm × 55mm	3.82	4.31
14mm × 55mm	4.80	5.11
16mm × 55mm	5.55	5.90
8mm × 60mm	2.72	—
10mm × 60mm	3.48	—
12mm × 60mm	4.15	—
14mm × 60mm	5.23	—
16mm × 60mm	6.12	—

Set Ordering Information

CLYDESDALE® Spinal System Implants

Part Number	Description	Part Number	Description	Part Number	Description	Part Number	Description
6° CLYDESDALE® Spinal System (SPS02156)		6° CLYDESDALE® Spinal System continued		0° CLYDESDALE® Spinal System (SPS02157)		0° CLYDESDALE® Spinal System continued	
2968840	8mm × 40mm	2968255	12mm × 55mm	2969840	8mm × 40mm	2969440	14mm × 40mm
2968845	8mm × 45mm	2968260	12mm × 60mm	2969845	8mm × 45mm	2969445	14mm × 45mm
2968850	8mm × 50mm	2968440	14mm × 40mm	2969850	8mm × 50mm	2969450	14mm × 50mm
2968855	8mm × 55mm	2968445	14mm × 45mm	2969855	8mm × 55mm	2969455	14mm × 55mm
2968860	8mm × 60mm	2968450	14mm × 50mm	2969040	10mm × 40mm	2969640	16mm × 40mm
2968040	10mm × 40mm	2968455	14mm × 55mm	2969045	10mm × 45mm	2969645	16mm × 45mm
2968045	10mm × 45mm	2968460	14mm × 60mm	2969050	10mm × 50mm	2969650	16mm × 50mm
2968050	10mm × 50mm	2968640	16mm × 40mm	2969055	10mm × 55mm	2969655	16mm × 55mm
2968055	10mm × 55mm	2968645	16mm × 45mm	2969240	12mm × 40mm		
2968060	10mm × 60mm	2968650	16mm × 50mm	2969245	12mm × 45mm		
2968240	12mm × 40mm	2968655	16mm × 55mm	2969250	12mm × 50mm		

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Medtronic

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For more information visit
www.myspinetools.com

Please see the package insert for the complete list of indications, warnings, precautions, and other important medical information.

Autograft must be used with the product.



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