



VertiGRAFT®

ACIS VG1®

Clinical Overview Solid, one-piece cortical implant designed for mechanical strength, immediate stability, and long-term fusion for Anterior Cervical Discectomy and Fusion (ACDF) surgery.

Applications ACDF

- Features & Benefits**
- **Preservon® technology:** Fully-hydrated cortical construct optimizes strength and functional forgiveness. Clinically proven without the brittleness of freeze drying or the lengthy re-hydration times.¹
 - **Optimized central void:** Accommodates best in class PliaFX® or ViviGen® bone void fillers.
 - **Safety:** State-of-the-art negative profile inserter engages a broad, flat anterior surface to optimize impaction load transfer. A chamfered posterior surface supports ease of insertion.
 - **Stability:** Textured surface maximizes surface contact area and surface friction to reduce migration.
 - **Sagittal balance restoration:** Sagittal alignment feature, combined with multiple footprints, parallel, and lordotic options, ensures accurate positioning while reproducing the patient's natural anatomy.
 - **Sterile:** Sterilized using proprietary and patented Allowash XG® technology, providing a Sterility Assurance Level of 10⁻⁶ without compromising the implant's inherent osteoconductive properties.²
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Pictured DePuy Synthes Implant Inserter and Sagittal Alignment Feature

VertiGRAFT ACIS VG1

Ambient Storage*, 5 Year Shelf Life

Small, 7° Lordotic

Anterior Height (mm)	Posterior Height (mm)	Order Code
5	4	ACISVG1-07S05P
6	5	ACISVG1-07S06P
7	6	ACISVG1-07S07P
8	7	ACISVG1-07S08P
9	8	ACISVG1-07S09P
10	9	ACISVG1-07S10P

A/P = 11.5 mm, M/L = 12.5 mm

Small, Parallel

Anterior Height (mm)	Posterior Height (mm)	Order Code
5	5	ACISVG1-00S05P
6	6	ACISVG1-00S06P
7	7	ACISVG1-00S07P
8	8	ACISVG1-00S08P
9	9	ACISVG1-00S09P
10	10	ACISVG1-00S10P

A/P = 11.5 mm, M/L = 12.5 mm

Medium, 7° Lordotic

Anterior Height (mm)	Posterior Height (mm)	Order Code
5	3.5	ACISVG1-07M05P
6	4.5	ACISVG1-07M06P
7	5.5	ACISVG1-07M07P
8	6.5	ACISVG1-07M08P
9	7.5	ACISVG1-07M09P
10	8.5	ACISVG1-07M10P

A/P = 13 mm, M/L = 14 mm

Medium, Parallel

Anterior Height (mm)	Posterior Height (mm)	Order Code
5	5	ACISVG1-00M05P
6	6	ACISVG1-00M06P
7	7	ACISVG1-00M07P
8	8	ACISVG1-00M08P
9	9	ACISVG1-00M09P
10	10	ACISVG1-00M10P

A/P = 13 mm, M/L = 14 mm

*While ambient room temperature has not been defined by regulatory bodies, LifeNet Health would recommend storage at 2°C to 37°C with excursions of less than 24 hours up to 40°C. If an excursion outside this range occurs, please contact LifeNet Health.

Instructions for use available at [LifeNetHealth.org/IFU](https://www.lifenethealth.org/IFU)

References

1. Independent sources include Virginia Commonwealth University Medical Center and the American Association of Mechanical Engineers. Data on File at LifeNet Health, Virginia Beach VA.
2. Eisenlohr LM. "Allograft Tissue Sterilization Using Allowash XG" 2007 BiImplants Brief.

