

With STRUXXURE® Anterior Cervical Plate

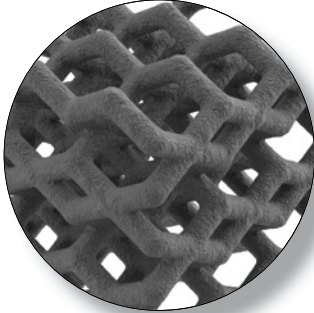


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70-069, Rev C

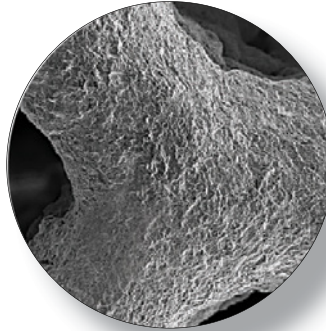


10X



Systematic Titanium
PORES

300X



Uncompromising
MACROSURFACE

10,000X



7µm Surface
MICROSURFACE

5 Pillars of NEXXT MATRIXX® Technology:

1. Varied pore array of 300, 500, and 700µm designed to support vascularization and osteogenesis.^{1,4,5}
2. 7µm surface roughness designed to increase osteoblast differentiation, production of angiogenic factors, and surface osteointegration.^{2,3,6}
3. 75% porous, open titanium architecture developed for greater surface area and nutrient exchange, leading to increased volume for potential bony in-growth.^{4,5,6}
4. Modulus of elasticity engineered to be comparable to PEEK devices leading to a more physiological product.⁶
5. 700µm A/P and lateral lattice geometry designed to provide robust radiographic imaging unimpeded by reducing overall titanium material and device density.⁶

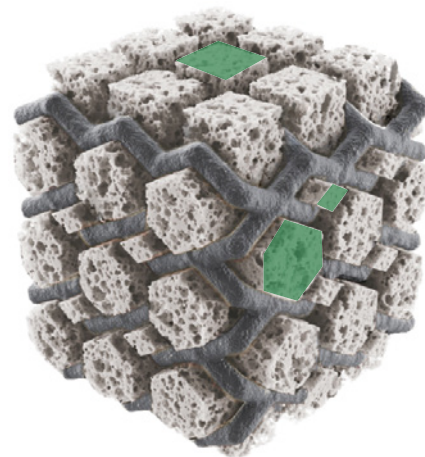


Image represents potential volume for bony in-growth

Studies referenced for the foundational design of NEXXT MATRIXX®

1. Karageorgiou V, Kaplan D. Porosity of 3D biomaterial scaffolds and osteogenesis. *Biomaterials*. 2005;26(27):5474–91.
2. Olivares-Navarrete R, Hyzy SL, Slosar PJ et al. Implant materials generate different peri-implant inflammatory factors: poly-ether-ether-ketone promotes fibrosis and microtextured titanium promotes osteogenic factors. *Spine*. 2015;40(6):399–404.
3. Olivares-Navarrete R, Hyzy SL, Gittens RA, et al. Rough titanium alloys regulate osteoblast production of angiogenic factors. *Spine J*. 2013;13(11):1563–70.
4. Ponader S, von Wilmsowky C, Widenmayer M, et al. In vivo performance of selective electron beam-melted ti-6al-4v structures. *J Biomed Mater Res A* 2010;92A:56–62
5. Li JP, Habibovic P, et al.: Bone ingrowth in porous titanium implants produced by 3D fiber deposition. *Biomaterials* 28:2810, 2007.
6. Data on file at Nexxt Spine, LLC.



NEXXT MATRIXX®

3D Printed Porous Titanium

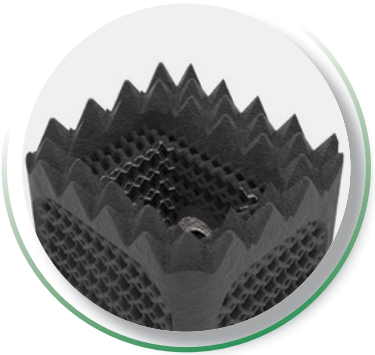
CORPECTOMY

Total Implant Lattice Integration

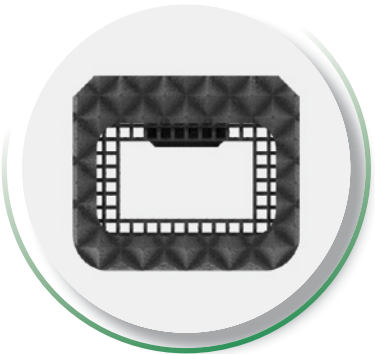
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FEATURES

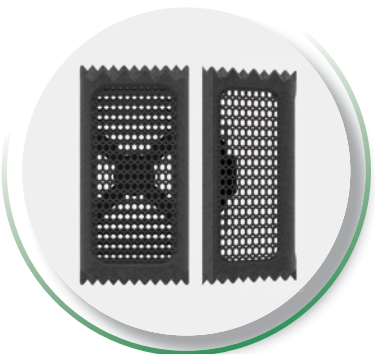
Enabling new corpectomy implant possibilities



Aggressive teeth for secure placement



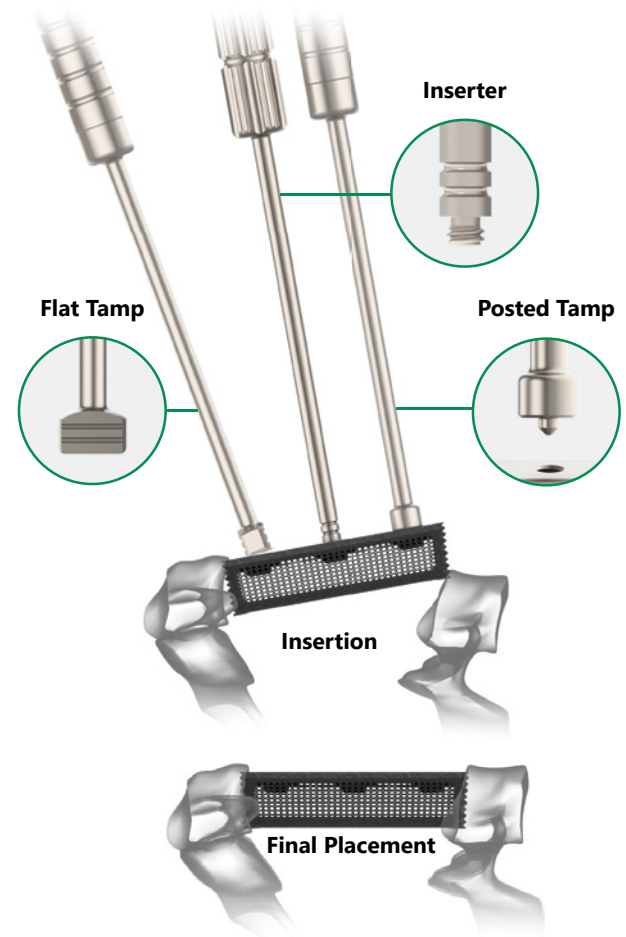
Entire implant graft support



Complete A/P + lateral visualization

INSTRUMENTATION

For intraoperative optimization



IMPLANT OFFERING

Standard Set / [By Request](#)

12D x 14W 6°

11-30Hmm 1mm increments
32-50Hmm 2mm increments
10-70Hmm 1mm increments

14D x 16W 6°

11-30Hmm 1mm increments
32-50Hmm 2mm increments
10-70Hmm 1mm increments

12D x 14W 0°

16-40Hmm 2mm increments
10-70Hmm 1mm increments

14D x 16W 0°

16-40Hmm 2mm increments
10-70Hmm 1mm increments

16D x 18W 6°

11-30Hmm 1mm increments
32-50Hmm 2mm increments

Contact Info@NexxtSpine.com for full implant availability.



NEXXT MATRIXX®

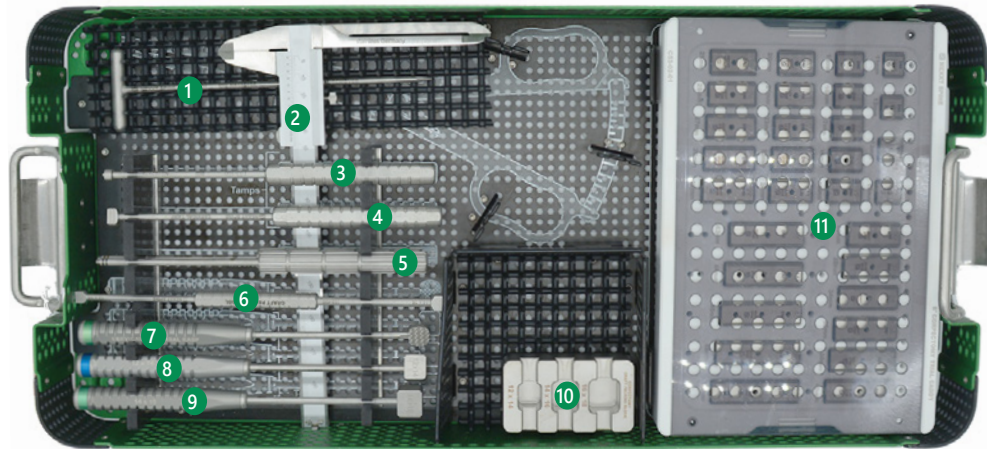
3D Printed Porous Titanium

CORPECTOMY

Total Implant Lattice Integration

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NEXXT MATRIXX® Corpectomy - Standard Instrument Tray Layout



Standard Parts Included

1. Universal Removal Tool	7. Cervical Universal Rasp
2. Neuro-Calipers	8. Corpectomy Trial 12x14
3. Posted Tamp	9. Corpectomy Trial 14x16
4. Flat Tamp	10. Graft Packing Block
5. Inserter Tool	11. Trial Case
6. Graft Packing Tool	

NEXXT
Spine
GROW WITH US

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For indications, contraindications, warnings, precautions, potential adverse effects and patient counseling information, see the package insert or contact your local representative; visit NexxtSpine.com for additional product information.

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