

WHAT DOES DEXA MEANS FOR AURORA?



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THE NEW STANDARD OF CARE

The DEXA-C® Cervical Interbody System is a porous 3D printed intervertebral body fusion device that incorporates low, mid or high-density lattice pattern options. The device profile is rectangular with a hollow core for a bone graft to promote bone integration and fusion between the endplates. The implant is available in various footprints and heights to accommodate variability among patients and is manufactured from titanium alloy per ASTM F3001.



DEXA-C® is part of the broad range of



DEXA-L®



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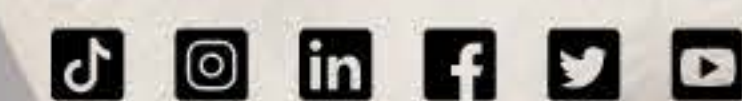
BONE DENSITY MATCHED IMPLANTS®



PHYSICIAN INFORMATION

The Need for a Mineral Bone
Density-Matched Interbody Cage

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SCAN

The new, patented, biomimetic DEXA Technology™ allows physicians to request or perform a bone density (DEXA, DXA) scan to determine the bone quality of the patient prior to surgery.

Bone density determination can be done with any radiation or ultrasound-based scanning system already installed anywhere in the world.

MATCH

After the T-Score of the patient has been obtained, the physician picks the bone density range-matched implant manufactured with Aurora's DEXA Technology from three unique, color coded versions.

IMPLANT

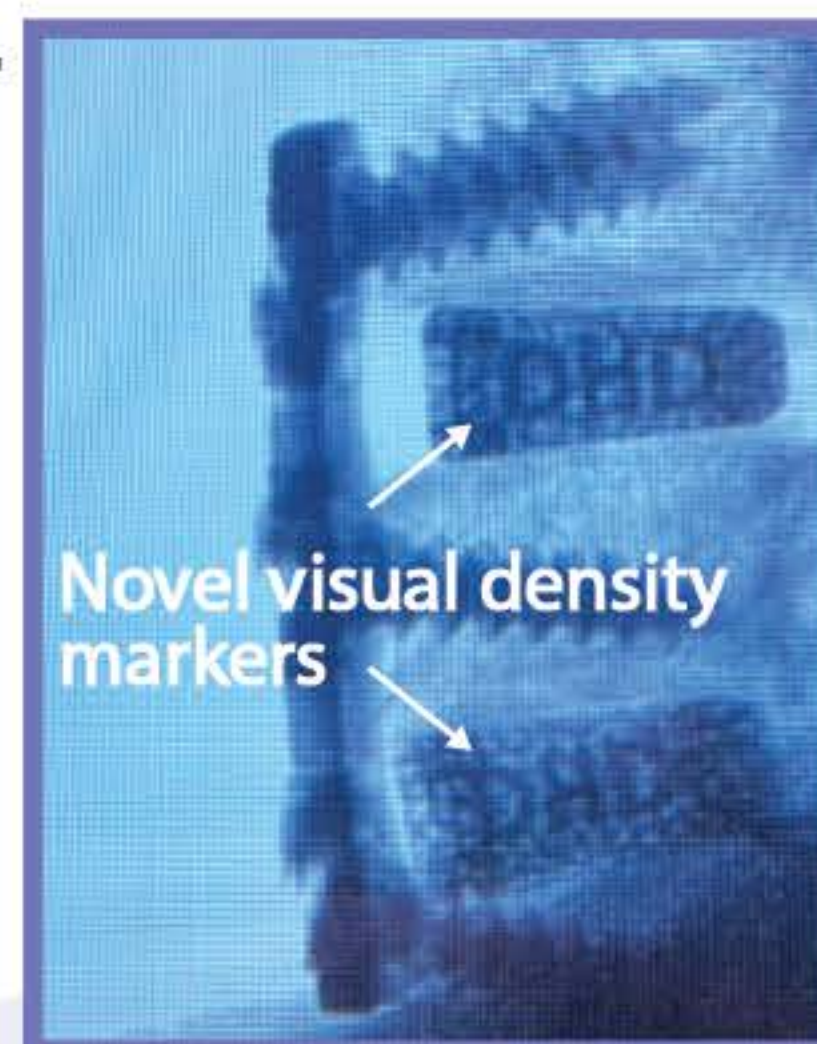
Lastly, the physician implants the patient-matched DEXA implant assuring that each patient receives the most optimal device developed for their actual bone quality.

IMPLANTS THAT ADAPT TO THE PATIENT'S BONE DENSITY




Designed intentionally to simulate the lattice structure of human cancellous bone, with a similar modulus of elasticity, and specialized in matching a patient's bone status across the BMD continuum.

Native vertebral bone trabeculae orient spatially in response to the direction of axial compressive forces, forming a web-like structure of cancellous bone with exceptionally high load-bearing capacity.

All DEXA Technology™ implants have an open, porous structure supporting osseointegration and vascularization.



IMPLANT OPTIONS

Lattice Density	Pore Size	Color Code	Compressive Stiffness (% of Peek)	T-Score	
Low	Larger	Red	≈37%	-4.0 to -2.5	
Medium	Med.	Yellow	≈49%	-2.5 to -1.0	
High	Smaller	Green	≈71%	-1.0 to +4.0	



Low



Medium



High

DEXA-C® implants are offered in multiple sizes, as well as three porous lattice pattern density options to accommodate variations in patient anatomy and physiology. The high, mid, and low density lattice implants are color-coded for additional ease of identification.



The world's first
patented and FDA
cleared bone
density matched
implants made with
DEXA Technology™.



BONE DENSITY MATCHED IMPLANTS®



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