GS Medical

YOU DRIVE. WE DELIVER.

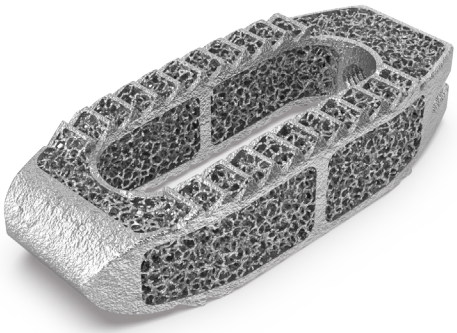
PYXIS™ LATERAL/ OBLIQUE LATERAL IMPLANT

NEXT GENERATION 3D-TITANIUM PRINTED LATERAL / OBLIQUE LATERAL CAGE FOR LUMBAR INTERBODY FUSION

KEY FEATURES & BENEFITS

MATERIAL PROPERTIES

- Cages are manufactured with 3D printing technology using titanium alloy that provides improved bone-ingrowth and on- growth characteristics
- Implant porosity provides excellent imaging characteristics that allow the surgeon to see the fusion area clearly

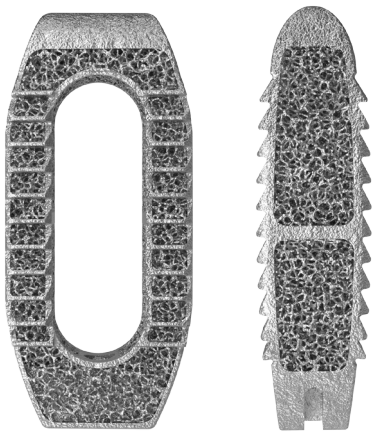


STERILIZED PACKAGING

- Implants come in sterilized packaging to provide ease-of-use to the hospital and surgery center with cost savings and improved efficiency in the operation room

MULTIPLE FOOTPRINTS

- Various lordotic angulation profile options up to 16° to conform to various patient anatomies



TAPERED LEADING EDGE

- Facilitates ease of insertion

LARGE GRAFT FENESTRATIONS

- Allows for a copious amount of bone grafting material, which may result in increased bone ingrowth

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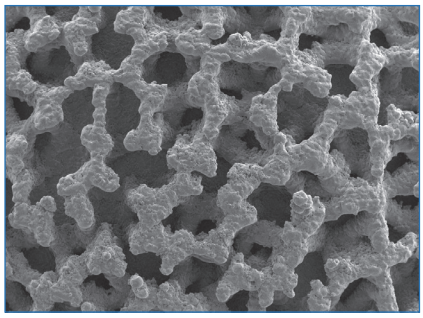
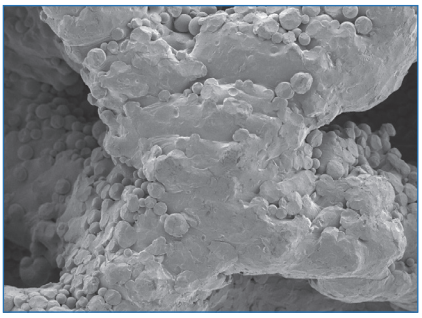


Macro-structure

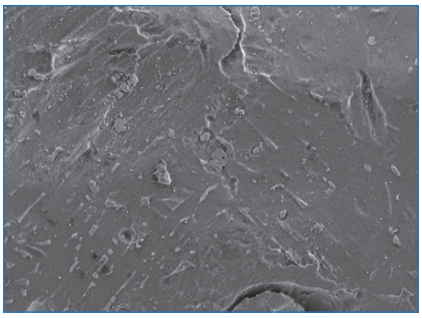
- Rough surface provides high primary implant stability

- Modulus of elasticity is close to that of cancellous bone, avoiding stress shielding and implant subsidence



Micro-structure

- Ideal pore size of 500Qm facilitates a fast natural cellular influx, leading to a solid bony fusion and subsequent secondary stability



Nano-structure

- Rough titanium alloy increases osteoblast proliferation, BMP response, and stimulates an angiogenic-osteogenic environment

- Enhances bone formation, implant stability and fusion

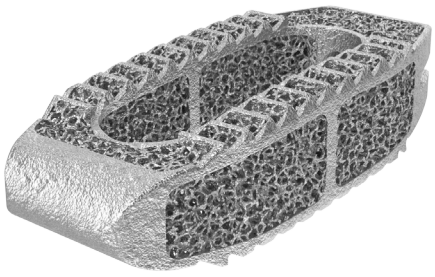
Designed to facilitate intervertebral body fusion in the lumbar spine for patients with degenerative disc disease. Simple and intuitive instrumentation for cage insertion with advanced 3D Ti-printing technology.

SIZE TABLE

Width (mm) / Length (mm)	40	45	50	55	Height	Lordosis
18					8, 10, 12, 14, 16mm	0° , 6°, 12°, 18°
22						

Standard sizing
Optional sizing

* Starting heights vary based on lordosis.



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