GS Medical

YOU DRIVE. WE DELIVER.

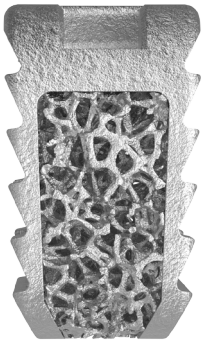
# PYXIS™ ACIF IMPLANT

## *NEXT GENERATION 3D-TITANIUM PRINTED ACIF IMPLANTS FOR ANTERIOR CERVICAL 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 compared to PEEK or Titanium
- 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 8° 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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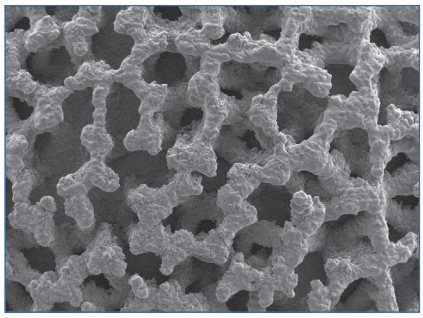
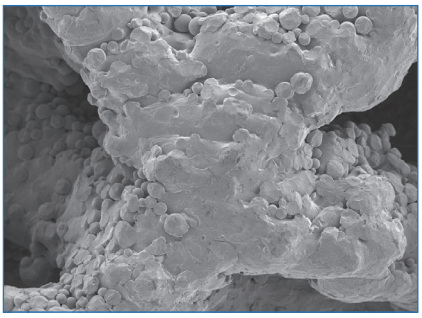


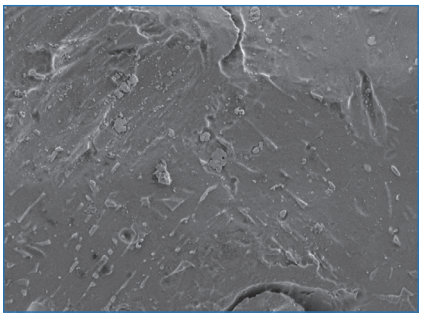
## Macro-structure

- 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 cervical spine for patients with degenerative disc disease. Simple and intuitive instrumentation for cage insertion with advanced 3D Ti-printing technology.*

| FOOTPRINTS | HEIGHTS | LORDOSIS |
|---|---|---|
| 12X14mm | 4.5mm, 5-10mm | 0° |
| 14X16mm | 5 -10mm | 4°, 8° |
| 14X18mm | | |

EXCELLENT QUALITY • ENHANCED VALUE • EXTENSIVE OFFERINGS

PYXIS™ ACIF

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