



HIVE™
Interbodies

By HD Lifesciences
Distributed by Precision Spine

ENHANCED FUSION CAPABILITY

HD Lifesciences' unique HIVE™ spinal interbodies were designed to accelerate patient healing. The company's platform technology, Soft Titanium® lattice, has been shown to stimulate bone formation without shielding stress or sacrificing durability. Its NanoHive® surface technology optimizes the environment for bony on-growth.

HIVE™ interbodies are the result of HD's drive to improve spinal fusion outcomes through inquisitive research, thorough engineering, and innovative product development. The "four pillars" of the technology are:

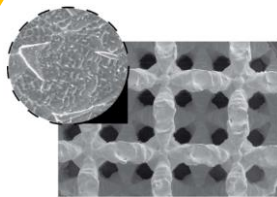
- **Stiffness** - Lower stiffness than bone, designed to reduce the risk of subsidence.
- **Ingrowth** - New bone can grow through the entire implant, not just around it or onto it.
- **Ongrowth** - Surface technology helps stimulate new bone formation.
- **Imaging** - Improved radiographic imaging to help surgeons.



LOWER STIFFNESS THAN BONE



ADVANCED SURFACE TECHNOLOGY



IMPROVED IMAGING



PRECISION SPINE®

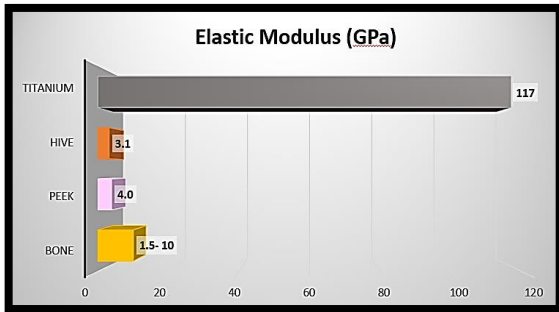
Discover the Difference



HIVE™ -C (CERVICAL), HIVE™ -A (ALIF) & HIVE™ -T (TLIF) INTERBODIES

Reduced Stiffness

HIVE™ interbodies using Soft Titanium® technology have an elastic modulus similar to PEEK.



Body Ingrowth

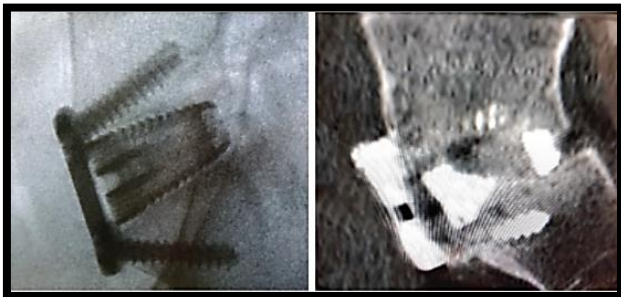
Approximately 70% porous by volume with 300-900µm pores to retain flowable DBM. Open cell channels from endplate to endplate maximize bony in-growth potential.



DBM Insertion in ALIF Only

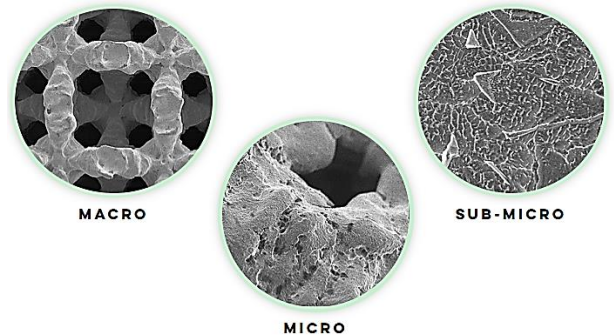
Improved Radiographic Imaging

Shows minimal scatter and lucent X-ray images.



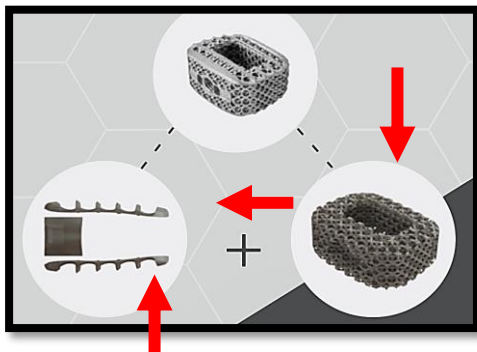
Advanced Surface Technology

A surface treatment is applied throughout the implant to optimize the environment (surface roughness and wettability) for improved and faster bony on-growth.



Unique Design

Independent endplates combined with the load bearing lattice provides an optimal construct for fusion.



Sizing

HIVE™ -A ALIF

32x26mm & 38x26mm
8°, 15° & 22° Lordosis
11, 13, 15 & 17mm Heights

HIVE™ -C Cervical

15x12mm & 18x14mm
6° Lordosis
5-12mm Heights

HIVE™ -T TLIF Straight & Curved

9x26mm	0° Lordosis,	6-15mm Heights
9x26mm	8° Lordosis	8-14mm Heights
9x26mm	18° Lordosis	11 & 13mm Heights
10x30mm	10° Lordosis	10-15mm Heights
11x28mm	0° Lordosis	7-15mm Heights
11x32mm	8° Lordosis	7-15mm Heights (Curved)

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