



3D-Printing in Spine: 17 Additively Manufactured Lumbar Cages to Know

May 17, 2018

In the past decade, the orthopedic implant industry has been quietly revolutionized through the use of additive manufacturing. Today, the penetration rate of additive production of standard-sized implants is expanding rapidly. In the future the researcher believes the majority of implants will be produced additively, creating a new revenue stream for printers and materials as well as new opportunities in the healthcare business itself.

The benefits of SPIRA® Open Matrix for orthopedics have progressed to the point that more and more FDA 510(k) cleared products are hitting the market. Additive manufacturing allows the companies to push beyond conventional manufacturing techniques to address design complexity and achieve previously un-manufacturable geometries.

According to a SmarTech Publishing the production of all additively manufactured orthopedic and medical implants is estimated to grow by 29 percent CAGR through 2026, with the fastest growing segments being components of knee reconstruction systems, spinal fusion devices, and non-load-bearing extremity fracture devices greatly exceeding total average growth.

Which are the implants that are already competing in the field?

We have selected 17 Lumbar 3D cages to know: <http://www.thespinemarketgroup.com/category/3d-ifc/>

1. JULIET®TI T (SPINEART)
2. CELLULAR TITANIUM TLIF (EIT)
3. ARTIC-L (MEDTRONIC)
4. CASCADIA 3L (K2M)
5. FOUNDATION 3D Interbody Cage (CORELINK)

6. IB3D™ TLIF (MEDICREA)
7. TRUSS SYSTEM (4WEB Medical)
8. MODULUS® XLIF® (NUVASIVE)
9. **SPIRA® Open Matrix (CAMBER SPINE)**
10. ELBA b-OK LUMBAR TLIF (TSUNAMI MEDICAL)
11. TESERA LUMBAR (RENOVIS)
12. NEXXT MATRIX (NEXXT SPINE)
13. TRITANIUM PL (STRYKER)
14. TIGER SHARK (CHOICESPINE)
15. CONNECTSPINE™ PPM (CUSMED)
16. EndoLIF® On-Cage (JOIMAX)
17. WOMBAT ST (SIGNUS)