

3D Printed Medical Devices Market to reach \$3.19 billion with 22.6% CAGR Key Player, Regions and Forecast to 2022

3D Printed Medical Devices Market to reach \$3.19 billion with 22.6% CAGR Analysis and Forecast to 2022

PUNE, INDIA, October 10, 2016
/EINPresswire.com/ -- Global [3D](#)

[Printed Medical Devices](#) market is expected to grow from \$0.77 billion in 2015 to reach \$3.19 billion by 2022 with a CAGR of 22.6%. Huge investments in R&D and continuous technological advancements in 3D printing are the major factors driving the market. Furthermore, booming market for organ transplantation, increasing acceptance of 3D-printed implants and organs are some of the key factors fueling the market growth. However, stringent regulations on medical devices to get approvals and high costs of 3D-printed organs are expected to hinder the market.



Get Sample Report @ <https://www.wiseguyreports.com/sample-request/674301-3d-printing-medical-devices-global-market-outlook-2016-2022>

North America is anticipated to hold the largest share in global market due to increased government financial support to enhance 3D printing applications in the healthcare industry, and establishment of research & training centers in this region. Asia Pacific is expected to witness huge growth due to increasing demand of organ transplantation in emerging countries such as China, Japan and India. However, high cost of 3D printing systems and lack of skilled professionals are limiting its demand in the Asian countries.

Some of the key players in global 3D printed medical devices market include 3D Systems Corporation, 3T RPD, Ltd., Arcam AB, Concept Laser GmbH, Envisiontec GmbH, Eos GmbH, Electro Optical Systems, Materialise NV, Prodways, Renishaw PLC, Stratasys Ltd, Optomec, Amedica Corporation, Oceanz, and Zortrax.

Medical Products Covered:

- Tissue Engineering Products
 - o Ligament and Tendon Scaffolds
 - o Bone and Cartilage Scaffolds
- Surgical Instruments
 - o Retractors
 - o Scalpels
 - o Surgical Fasteners
- Surgical Guides

- o Craniomaxillofacial (CMF) Guides
- o Dental Guides
- o Orthopedic Guides
 - Hearing & Audibility Aid
 - Prosthetics and Implants
- o Standard Implants
- o Custom Implants

Components Covered:

- Services and Software
- 3D Printing Equipment
- o 3D Bioprinters
- o 3D Printers
- Materials
- o Biomaterials
- o Metal and Metal Alloy Powders
- o Plastics
- o Other Materials

Process Types Covered:

- Binder Jetting
- Directed Energy Deposition
- Material Extrusion
- Material Jetting
- Powder Bed Fusion
- Sheet Lamination
- Vat Photopolymerisation

Technologies Covered:

- Electron Beam Melting (EBM)
- Three Dimensional Printing (3DP) Or Adhesion Bonding
- Droplet Deposition (DD) or Extrusion-Based Technologies
- o Multiphase Jet Solidification (MJS)
- o Low-Temperature Deposition Manufacturing (LDM)
- o Fused Deposition Modeling (FDM)
- Laser Beam Melting (LBM)
- o Direct Metal Laser Sintering (DMLS)
- o Selective Laser Melting (SLM)
- o Lasercusing
- o Selective Laser Sintering (SLS)
- Photopolymerization
- o Two-Photon Polymerization (2PP)
- o Stereolithography
- o Digital Light Processing

Applications Covered:

- Clinical Study Devices
- External wearable devices
- Implants surface texture - Complex geometry

Regions Covered:

- North America
 - o US
 - o Canada
 - o Mexico
- Europe

- o Germany
- o France
- o Italy
- o UK
- o Spain
- o Rest of Europe
- Asia Pacific

What our report offers:

- Market share assessments for the regional and country level segments
- Market share analysis of the top industry players
- Strategic recommendations for the new entrants
- Market forecasts for a minimum of 7 years of all the mentioned segments, sub segments and the regional markets
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Buy 1-User PDF@ https://www.wiseguyreports.com/checkout?currency=one_user-USD&report_id=674301

Table of Content

1 Executive Summary

2 Preface

2.1 Abstract

2.2 Stake Holders

2.3 Research Scope

2.4 Research Methodology

2.4.1 Data Mining

2.4.2 Data Analysis

2.4.3 Data Validation

2.4.4 Research Approach

2.5 Research Sources

2.5.1 Primary Research Sources

2.5.2 Secondary Research Sources

2.5.3 Assumptions

3 Market Trend Analysis

3.1 Introduction

3.2 Drivers

3.3 Restraints

3.4 Opportunities

3.5 Threats

3.6 Product Analysis

3.7 Technology Analysis

3.8 Application Analysis

3.9 Emerging Markets

4 Porters Five Force Analysis

4.1 Bargaining power of suppliers

4.2 Bargaining power of buyers

4.3 Threat of substitutes

4.4 Threat of new entrants

4.5 Competitive rivalry

5 Global 3D Printing Medical Devices Market, By Medical Product

5.1 Introduction

5.2 Tissue Engineering Products

5.2.1 Ligament and Tendon Scaffolds

5.2.2 Bone and Cartilage Scaffolds

5.3 Surgical Instruments

5.3.1 Retractors

5.3.2 Scalpels

5.3.3 Surgical Fasteners

5.4 Surgical Guides

5.4.1 Craniomaxillofacial (CMF) Guides

5.4.2 Dental Guides

5.4.3 Orthopedic Guides

5.5 Hearing & Audibility Aid

5.6 Prosthetics and Implants

5.6.1 Standard Implants

5.6.1.1 Standard Craniomaxillofacial Implants

5.6.1.2 Standard Dental Implants

5.6.1.3 Standard Orthopedic Implants

5.6.2 Custom Implants

5.6.2.1 Custom Craniomaxillofacial Implants

5.6.2.2 Custom Dental Implants

5.6.2.3 Custom Orthopedic Implants

6 Global 3D Printing Medical Devices Market, By Component

6.1 Introduction

6.2 Services and Software

6.3 3D Printing Equipment

6.3.1 3D Bioprinters

6.3.2 3D Printers

6.4 Materials

6.4.1 Biomaterials

6.4.2 Metal and Metal Alloy Powders

6.4.3 Plastics

6.4.3.1 Thermoplastics

6.4.3.2 Photopolymers

6.4.4 Other Materials

6.4.4.1 Paper

6.4.4.2 Wax

6.4.4.3 Ceramics

6.4.4.4 Nylon

7 Global 3D Printing Medical Devices Market, By Process Type

8 Global 3D Printing Medical Devices Market, By Technology

9 Global 3D Printing Medical Devices Market, By Application

10 Global 3D Printed Medical Devices Market, By Geography

11 Key Developments

12 Company Profiling

Access Report @ <https://www.wiseguyreports.com/reports/674301-3d-printing-medical-devices-global-market-outlook-2016-2022>

Follow Us:

LinkedIn: www.linkedin.com/company/4828928

Twitter: <https://twitter.com/WiseGuyReports>

Facebook: <https://www.facebook.com/Wiseguyreports-1009007869213183/?fref=ts>

Norah Trent

wiseguyreports

+1 646 845 9349 / +44 208 133 9349

[email us here](#)

This press release can be viewed online at: <http://www.einpresswire.com>

Disclaimer: If you have any questions regarding information in this press release please contact the company listed in the press release. Please do not contact EIN Presswire. We will be unable to assist you with your inquiry. EIN Presswire disclaims any content contained in these releases. © 1995-2019 IPD Group, Inc. All Right Reserved.