

# **North America 3D Printed Surgical Models Market 2022-2032 by Specialty (Orthopedic, Cardiology, Gastroenterology, Neurosurgery, Oncology, Reconstructive, Transplant), Material (Plastics, Metal, Polymer, Others), Technology (FDM, SLA, MultiJet/PolyJet, CJP), End User (Hospitals, Clinics, ASCs), and Country: Trend Forecast and Growth Opportunity**

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## **Abstracts**

North America 3D printed surgical models market is projected to grow by 13% annually in the forecast period and reach \$ 611.1 million by 2032, driven by the increasing healthcare spending, upsurge in demand for minimally invasive procedures, a rising incidence of chronic diseases, and technology advancements in 3D printing.

Highlighted with 31 tables and 80 figures, this 143-page report “North America 3D Printed Surgical Models Market 2022-2032 by Specialty (Orthopedic, Cardiology, Gastroenterology, Neurosurgery, Oncology, Reconstructive, Transplant), Material (Plastics, Metal, Polymer, Others), Technology (FDM, SLA, MultiJet/PolyJet, CJP), End User (Hospitals, Clinics, ASCs), and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire North America 3D printed surgical models market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2020-2022 and provides forecast from 2023 till 2032 with 2022 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at

least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of North America market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify North America 3D printed surgical models market in every aspect of the classification from perspectives of Specialty, Material, Technology, End User, and Country.

Based on Specialty, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Orthopedic Surgery

Hip Replacement Revision

Repair Intervertebral Disc

Repair Scoliosis

Hip Repair

Repair Clavicle Fracture

Osteotomy

Repair Leg Fracture

Cardiac Surgery/Interventional Cardiology

Annuloplasty/Mitral Valve Repair

Replacement of Aortic Valve

Repair Coronary Aneurysm

Stent Insertion

Repair of Congenital Heart Defects

Gastroenterology Endoscopy of Esophageal

Endoscopy of Esophageal Lesion

Splenectomy

Neurosurgery

Remove Brain Tumor

Repair Aneurysm

Transsphenoidal Excision of Pituitary Gland

Surgical Oncology

Endoscopic Removal of Cardiac Lesion

Removal of Adrenal Tumor

Thoracic Removal of Lung Tumor

Removal of Renal Tumor

Removal of Liver Tumor

## Reconstructive Surgery

Facial Reconstruction

Cleft Palate Correction

Breast Reconstruction

Hand Reconstruction

Mastoidectomy

## Transplant Surgery

Heart Transplant

Cardiac Surgery/Interventional Cardiology

Kidney Transplant

Liver Transplant

Lung Transplant

Based on Material, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Plastics

Metal

Polymer

Other Material Types

By Technology, the North America market is segmented into the following sub-markets

with annual revenue (\$ mn) for 2022-2032 included in each section.

Fused Deposition Modeling (FDM)

Stereolithography (SLA)

MultiJet/PolyJet Printing

ColorJet Printing (CJP)

Other Technologies

By End User, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Hospitals

Clinics

Ambulatory Surgical Centers (ASCs)

Geographically, the following national/local markets are fully investigated:

U.S.

Canada

Mexico

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2022-2032. The breakdown of national markets by Specialty, Material and Technology over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

3D Lifeprints U.K. Ltd.

3D Systems, Inc.

Axial3D Ltd.

Formlabs, Inc.

Lazarus 3D, LLC

Materialise N.V.

Onkos Surgical, Inc.

Osteo3D

Stratasys Ltd.

Stryker Corp.

Whiteclouds

Zimmer Biomet Holdings, Inc.

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

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### **3D SYSTEMS, INC.**

Axial3D Ltd.

Formlabs, Inc.

Lazarus 3D, LLC

Materialise N.V.

Onkos Surgical, Inc.

Osteo3D  
Stratasys Ltd.  
Stryker Corp.  
Whiteclouds  
Zimmer Biomet Holdings, Inc.  
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