

3D Printing Medical Devices Market Size to Surpass USD 7.92 Billion By 2030, exhibiting a 16.1% CAGR by 2030

Exactitude Consultancy is pleased to announce the release of a research report titled "3D Printing Medical Devices Market Size to Surpass USD 7.92 Billion By 2030, exhibiting a 16.1% CAGR by 2030" - *Stratasy, Ltd., 3D Systems Corporation, EnvisionTEC GmbH*

LUTON, BEDFORDSHIRE, UNITED KINGDOM, September 3, 2024 /EINPresswire.com/ -- latest recently released a research report titled global [3D Printing Medical Devices](#) Market insight, forecast to 2030, The growth of 3D printing for medical applications,



which has revolutionized the surgical and orthopaedic structures, is referred to as the 3D printing medical device market. Stronger, lighter, and safer items, such organ, bone, and blood vessel replicas, are made possible by 3D printing. Additive manufacturing is another name for 3D printing. Three-dimensional printing is used to create the things. Digital three-dimensional

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Rising demand for personalized healthcare drives growth in the 3D printing medical devices market, enabling custom implants and prosthetics.”

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objects are created, including computer-aided design (CAD) drawings and magnetic resonance imaging (MRI). The need for 3D printed medical equipment is rising as surgical procedures increase globally.

The 3D printing medical devices market is expected to reach USD 7.92 billion by 2030, exhibiting a CAGR of 16.1% during the forecast period. The market is driven by the increasing demand for personalized healthcare and the growing adoption of 3D printing technology in the medical industry.

For more information, please contact us at:

<https://exactitudeconsultancy.com/reports/7521/3d-printing-medical-devices-market/#request-a-sample>

Exactitude Consultancy is a leading provider of market research and consulting services.

Stratasys, Ltd., 3D Systems Corporation, EnvisionTEC GmbH, Materialise NV, SLM Solutions, EOS GmbH, Concept Laser GmbH, Renishaw plc, Prodways Group

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In Feb 2023 Stratasys Ltd launched TrueDent resin, which is used in labs for the application in dental structure shades.

In May 2023 CELLINK launched Lumen X a new benchtop DLP bioprinter.

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As additive manufacturing, 3D printing is the technique of creating three-dimensional solid objects from digital designs or files. In recent years, the digital revolution in dental and medical operations has advanced significantly with the goal of enhancing clinical workflow through technology integration. Dental care and surgeries are being replaced by digital ones in the sector. Using computer-controlled processes, direct digital manufacturing turns a digital design into a tangible product. As 3D printing technology develops, direct digital production is replacing traditional manufacturing methods in more applications.

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One factor fueling the market expansion for 3D printed medical equipment is the increasing number of patients with chronic illnesses. Chronic illness patients require ongoing health monitoring and disease treatment, and they also require specialized medical devices for efficient disease management. Examples of these illnesses include cancer, cardiovascular disease (CVD), diabetes, orthopedic ailments, and others. The use of 3D printing technology may make it possible to produce surgical instruments, prosthetic limbs, and implants that are precisely tailored to the needs of the individual patient. In order to ensure proper fit, function, and comfort—all of which are critical for patients with chronic illnesses who need to wear medical

devices for an extended period of time—researchers and healthcare professionals have begun using 3D printing technology to create customized medical devices that can enhance patient outcomes.

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Surgical Guides

Surgical Instruments

Prosthetics and Implants

Tissue Engineering Products

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Photopolymerization

Droplet Deposition (Dd) Or Extrusion-Based Technologies

Laser Beam Melting

Electron Beam Melting (EBM)

Three-Dimensional Printing (3dp) Or Adhesion Bonding

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North America

Europe

Asia Pacific

South America

Middle East and Africa

Important Countries in All Regions Are Covered

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As of 2023, North America accounted for the greatest portion of the global market, and this trend is expected to continue for the duration of the projected period. The quick uptake of 3D printing technology in the healthcare sector, the proliferation of 3D printing enterprises in North American nations, and the growing number of end-user-focused device launches are all factors contributing to the dominance of the North American market. For example, when it comes to the healthcare sector, North America is the top user of 3D printing technology. Regional market expansion is further aided by the rising demand for customized medical devices and the increasing prevalence of chronic diseases in North American nations.

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In terms of regional markets for medical equipment made via 3D printing, Europe ranked second internationally in 2023 and is predicted to experience significant growth over the next years. The main factors driving the growth of the European market include a robust R&D environment, significant technological advancements, and a high degree of innovation. The aging population, rising healthcare costs, and the existence of an advanced healthcare infrastructure all contribute to the expansion of the European market. The countries with the biggest market shares in Europe in 2023 were Germany, France, and the United Kingdom; it is anticipated that these countries would continue to lead the pack throughout the projection period.

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Over the course of the projected period, the APAC market is anticipated to rise at a promising CAGR. The Asia-Pacific region's 3D printing medical devices market is primarily driven by the region's huge population, growing number of healthcare institutions, and rising demand for technologically advanced medical devices. The APAC market is growing at a faster rate due to the rising incidence of chronic illnesses like diabetes, cancer, and cardiovascular disease as well as the rising need for cutting-edge medical technology. In 2023, APAC benefited greatly from the contributions of nations like China, Japan, and India, and these nations are rapidly adopting 3D printing.

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3D Printing Prosthetics and Orthotics Market-

<https://exactitudeconsultancy.com/reports/32113/3d-printing-prosthetics-and-orthotics/>

The global 3D Printing Prosthetics and Orthotics Market is anticipated to grow from USD 1.42

Billion in 2023 to USD 2.64 Billion by 2030, at a CAGR of 9 % during the forecast period.

Cardiovascular Devices Market-

<https://exactitudeconsultancy.com/reports/24647/cardiovascular-devices-market/>

The Global Cardiovascular Devices Market is projected to grow from USD 50.76 billion in 2020 to USD 99.75 billion by 2029, at a CAGR of 8.2% during the forecast period.

Acute Myeloid Leukemia Therapeutics Market-

<https://exactitudeconsultancy.com/reports/40532/acute-myeloid-leukemia-therapeutics-market/>

The global acute myeloid leukemia therapeutics market size is projected to grow from USD 579.4 billion in 2023 to USD 1494.9 billion by 2030, exhibiting a CAGR of 14.5% during the forecast period.

Autoimmune Disease Diagnostics Market-

<https://exactitudeconsultancy.com/reports/41428/autoimmune-disease-diagnostics-market/>

The global autoimmune disease diagnostics market size is projected to grow from USD 5.23 billion in 2023 to USD 8.29 billion by 2030, exhibiting a CAGR of 6.8 % during the forecast period.

Atopic Eczema Treatment Market- <https://exactitudeconsultancy.com/reports/41335/atopic-eczema-treatment-market/>

The global atopic eczema treatment market size is projected to grow from USD 12.48 billion in 2023 to USD 22.09 billion by 2030, exhibiting a CAGR of 8.5% during the forecast period.

Body Composition Analyzers Market- <https://exactitudeconsultancy.com/reports/23246/body-composition-analyzers-market/>

The global body composition analyzers market is expected to grow at an 8.8% CAGR between 2022 and 2029. It is expected to be worth more than USD 1286.49 million by 2029, up from USD 712.86 million in 2022.

Healthcare Claims Management Market-

<https://exactitudeconsultancy.com/reports/7766/healthcare-claims-management-market/>

The global healthcare claims management market is expected to grow at 6 % CAGR from 2022 to 2029. It is expected to reach above USD 18.75 billion by 2029 from USD 11.1 billion in 2020.

Freeze Drying and Lyophilization Equipment Market-

<https://exactitudeconsultancy.com/reports/23495/freeze-drying-and-lyophilization-equipment-market/>

The global Freeze Drying and Lyophilization Equipment market is expected to grow at an 8.8% CAGR from 2022 to 2029, from USD 5.68 billion in 2022.

Digital Therapeutics (DTx) Market - <https://exactitudeconsultancy.com/reports/7904/digital-therapeutics-dtx-market/>

The global digital therapeutics (DTx) market is expected to grow at 25.4% CAGR from 2022 to 2029. It is expected to reach above USD 26.84 billion by 2029 from USD 3.5 billion in 2020.

Contact Lenses Market - <https://exactitudeconsultancy.com/reports/7978/contact-lenses-market/>

The global contact lenses market is expected to grow at 6.80% CAGR from 2022 to 2029. It is expected to reach above 13.02 USD billion by 2029 from 7.40 USD billion in 2020.

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