

Saudi Arabia And Egypt Healthcare 3D Printing Market Size, Share & Trends Analysis Report By Application (Implants, Surgical Guide), By Technology, By Material, By End-use, And Segment Forecasts, 2023 - 2030

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Abstracts

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Saudi Arabia And Egypt Healthcare 3D Printing Market Growth & Trends

The Saudi Arabia and Egypt healthcare 3D printing market size is expected to reach USD 30.4 million by 2030, according to a new report by Grand View Research, Inc. It is expected to expand at a CAGR of 15.6% from 2023 to 2030. An increase in the number of surgeries and implantation and growing demand for 3D printing are anticipated to aid in the growth of the market.

The high burden of diseases in KSA and Egypt is leading to the growing need for surgeries, which is a key factor driving the market. For instance, the research published by NCBI in June 2021 states that the rate of total knee replacement surgeries has increased in Saudi Arabia, and the success rate of these surgeries is more than 90%. The growing number of orthopedic replacement surgeries in the country is expected to create opportunities for market growth.

The pandemic resulted in significant losses across markets in terms of sales, revenue, and operations, driving countries into financial crises. The government and health authorities ordered all laboratories, clinics, manufacturers, and suppliers to immediately stop operations, with the exception of emergencies, resulting in office closures and unprecedented revenue decline across sectors.

3D printing technology has been utilized to address critical shortages of crucial elements, ranging from Personal Protective Equipment (PPE) to crucial ventilator component shortages due to supply chain disruptions. The high flexibility of 3D printing makes it potentially one of the most important technologies to aid healthcare after COVID-19.

Saudi Arabia accounted for the largest revenue share of over 70.0% in 2022. This is because the country is one of the fastest-growing tech hubs globally and is investing heavily in 3D printing across its scientific and medical faculties to promote innovation in the area of medicine.

Saudi Arabia And Egypt Healthcare 3D Printing Market Report Highlights

The implants segment dominated the market in 2022 with a share of over 60.0%. 3D printed implants offer several benefits such as cost-effectiveness, the ability to incorporate scaffold, and support customization of implants as per patient needs

The droplet deposition segment is anticipated to register the fastest growth rate of 16.1% over the forecast period

The polymers segment accounted for the largest revenue share of over 50.0% in 2022. Polymer 3D printing is being utilized to create personalized medical items on demand, including affordable prosthetics and dental tools such as bridges and aligners

The medical and surgical centers segment is expected to register the fastest growth rate of 15.8% over the forecast period

Egypt is anticipated to register the fastest growth rate of 16.8% during the forecast period

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