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Medical Ceramics Market Size, Share, Growth, Trends, Demand and Opportunity Analysis

Medical Ceramics Market Insights Discussed Regarding Demand, Forecast, and Trends To 2030

PORTLAND, OREGON, UNITED STATES, April 3, 2024 /EINPresswire.com/ -- Allied Market Research has recently released a report titled "Medical Ceramics - Global Opportunity Analysis and Industry Forecast, 2014-2022", revealing insights into the global medical ceramics market. The report indicates that the market was valued at $3,850 million in 2015 and is projected to reach $5,841 million by 2022, with a CAGR of 6.2% from 2016 to 2022. Throughout the forecast period, the implants segment is anticipated to be the highest revenue contributor, with the U.S. maintaining its leading position in the global market since 2015.

Eswara Prasad, Team Lead of Chemical Research at Allied Market Research, highlights the preference for medical ceramics in dentistry due to their significant compressive and load-bearing capacity, resembling dental materials like enamel.

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The escalating demand for medical ceramics from the medical device industry presents promising growth prospects. The unique properties of medical ceramics such as high compressive strength and biodegradability, crucial for bone implants, are driving market expansion. Medical ceramics mitigate bone ingrowth, thereby enhancing their adoption. The burgeoning applications of medical ceramics, including various types of implants such as inartificial joints, bone plates, screws, and dental implants, have opened up new avenues for market growth. The rise in the ceramic implants market has further fueled the demand for medical ceramics due to their ability to mimic natural bone properties.

In the implants segment, ceramics are favored for their rigidity, reducing the risk of bacterial growth in the absence of prosthetics. Zirconia and alumina are the predominant ceramic materials used for implant development, with zirconia expected to witness the fastest growth followed by piezo ceramics. Alumina remains the most commonly utilized ceramic for orthopedic implants due to its high resistance and biochemical inertness.

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Key findings from the report include the expectation of zirconia market revenues to witness the highest CAGR of 7.1%, while bio-inert ceramics held over half of the market share in 2015. In terms of applications, implants accounted for nearly three-fourths of the market share in 2015, with dental implants being a major contributor to segment revenue. The surgical instrument devices segment is projected to grow at a high CAGR of 8.0% during the forecast period.

The U.S. dominated the medical ceramics market demand in 2015, while Asia-Pacific led global demand and is expected to grow at the highest CAGR of 6.6% during the forecast period. Asia-Pacific offers lucrative opportunities due to its dense population, particularly in countries like China and India, driving demand for medical ceramics and their applications.

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Key companies profiled in the report include CoorsTek Inc., Zimmer Holdings, Inc., Straumann, Stryker, Kyocera Corporation, H.C. Starck GmbH, 3M ESPE, Nobel Biocare Services AG, Morgan Advanced Materials, and DePuy Synthes.

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We are in professional corporate relations with various companies and this helps us in digging out market data that helps us generate accurate research data tables and confirms utmost accuracy in our market forecasting. Each and every data presented in the reports published by us is extracted through primary interviews with top officials from leading companies of domain concerned. Our secondary data procurement methodology includes deep online and offline research and discussion with knowledgeable professionals and analysts in the industry.

David Correa
Allied Market Research
+1 5038946022
email us here
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