

Global Medical Ceramics Market (By Type of Materials, Applications, Regions), Key Company Profiles - Forecast to 2025

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Abstracts

The global medical ceramics market is expected to reach nearly US\$ 24 Billion by 2025. Medical ceramics are biomaterials that are utilized for a variety of human contact and non-contact applications in the medical industry. Medical ceramics are commonly used in dental implants, orthopedic applications, various medical equipment, and regenerative procedures. The market for medical ceramics is driven by factors such as growing geriatric population, rising number of hip and knee replacement procedures, increasing demand for implantable devices, and growing demand for medical ceramics in plastic surgeries & wound healing applications. Further, the growing healthcare industry in emerging economies, increasing research activities in medical ceramics for nanotechnology and electronic devices applications, and increasing number of free trade agreements provides an opportunity for the market to grow.

Global Medical Ceramics Market & Forecast - By Type of Materials

Bio-inert ceramics form majority of the medical ceramics market and include Alumina and Zirconia.

The rising demand of zirconia ceramics in dental and medical industry for dental implants and joint implants is expected to drive the market for zirconia ceramics.

Bioactive ceramics are synthesized by sintering bioactive substances that allow the bonding of the implant with the living tissues.

Hydroxyapatite is one of the bioceramics that represents the large quantity of regenerative graft material available in the market.

Bioresorbable ceramics held between 20% - 25% share of the global medical ceramics market in 2018.

Piezo-ceramics captured least share of the medical ceramics market.

Global Medical Ceramics Market & Forecast - By Applications

Dental applications are one of the main application segments served by medical ceramics worldwide.

Dental applications and Orthopedic applications together accounted for over 70% share of the global medical ceramics market.

The market for medical ceramics used in regenerative procedures is predicted to exceed US\$ 3.5 Billion by 2025.

The market for ceramics used in medical equipment is valued at over US\$ 1 Billion in 2018.

Global Medical Ceramics Market & Forecast - By Region

North America currently holds majority of the medical ceramics market and is expected to maintain its position throughout the forecast period.

Globally, Europe stands as the second largest market for medical ceramics.

The rising adoption of advanced ceramics among the healthcare providers mainly in the United Kingdom, Germany, France and Italy is likely to propel the market growth.

Asia-Pacific medical ceramics market is expected to grow at the fastest rate during the forecast period.

iGATE RESEARCH report titled "Global Medical Ceramics Market (By Type of Materials, Applications, Regions), Key Company Profiles - Forecast to 2025" provides a

comprehensive analysis of the Global Medical Ceramics Market.

This 145 Page report with 66 Figures and 6 Tables has been analyzed from 7 View Points:

- 1) Global Medical Ceramics Market and Forecast (2011 - 2025)
- 2) Global Medical Ceramics Market Share and Forecast (2011 - 2025)
- 3) By Type of Materials - Global Medical Ceramics Market & Forecast (2011 - 2025)
- 4) By Applications - Global Medical Ceramics Market & Forecast (2011 - 2025)
- 5) By Region - Global Medical Ceramics Market & Forecast (2011 - 2025)
- 6) Global Medical Ceramics Market - Key Company Profiles (2012 - 2025)
- 7) Global Medical Ceramics Market - Growth Drivers & Challenges

Global Medical Ceramics Market & Forecast - By Type of Materials

1. Bio-inert

Alumina

Zirconia

2. Bioactive

Hydroxyapatite

Glass Ceramics

3. Bioresorbable

4. Piezo-ceramics

Global Medical Ceramics Market & Forecast - By Applications

1. Dental Applications

2. Orthopedic Applications

3. Regenerative Procedures

4. Medical Equipments

Global Medical Ceramics Market & Forecast - By Region

1. North America
2. Europe
3. Asia Pacific
4. Middle East & Africa
5. Central & South America

Global Medical Ceramics Market - Company Profiles, Business Strategy, Financial Insights

1. CeramTec GmbH
2. Kyocera Corporation
3. Morgan Advanced Materials Plc
4. H.C. Starck Ceramics GmbH (Now Kyocera Fineceramics Precision GmbH)
5. 3M
6. DSM
7. NGK Spark Plug Co., Ltd.
8. DePuy Synthes (Johnson & Johnson)
9. Zimmer Biomet Holding Inc.
10. Straumann
11. Stryker
12. Bonesupport Holding AB
13. Globus Medical Inc.
14. Deltex Medical
15. Curasan Inc.

Data Source

iGATE RESEARCH employs rigorous primary and secondary research techniques in developing distinctive data sets and research material for business reports. This report is built by using data and information sourced from Proprietary Information Database, Primary and Secondary Research Methodologies, and In house analysis by iGATE Research dedicated team of qualified professionals with deep industry experience and expertise.

Research Methodologies

Primary Research Methodologies: Questionnaires, Surveys, Interviews with Individuals,

Small Groups, Telephonic Interview, etc.

Secondary Research Methodologies: Printable and Non-printable sources, Newspaper, Magazine and Journal Content, Government and NGO Statistics, white Papers, Information on the Web, Information from Agencies Such as Industry Bodies, Companies Annual Report, Government Agencies, Libraries and Local Councils and a large number of Paid Databases.

Contents

1. EXECUTIVE SUMMARY

2. GLOBAL MEDICAL CERAMICS MARKET & FORECAST (2011 - 2025)

3. GLOBAL MEDICAL CERAMICS MARKET SHARE & FORECAST (2011 - 2025)

3.1 By Type of Materials - Global Medical Ceramics Market Share & Forecast

3.2 By Applications - Global Medical Ceramics Market Share & Forecast

3.3 By Region - Global Medical Ceramics Market Share & Forecast

4. GLOBAL MEDICAL CERAMICS MARKET & FORECAST - BY TYPE OF MATERIALS (2011 - 2025)

4.1 Global - Bio-inert Ceramics Market and Forecast

4.1.1 Global - Alumina Market and Forecast

4.1.2 Global - Zirconia Market and Forecast

4.2 Global - Bioactive Ceramics Market and Forecast

4.2.1 Global - Hydroxyapatite Market and Forecast

4.2.2 Global - Glass Ceramics Market and Forecast

4.3 Global - Bioresorbable Market and Forecast

4.4 Global - Piezo-ceramics Market and Forecast

5. GLOBAL MEDICAL CERAMICS MARKET & FORECAST - BY APPLICATIONS (2011 - 2025)

5.1 Global - Regenerative Procedures Market and Forecast

5.2 Global - Medical Equipment Market and Forecast

5.3 Global - Dental Applications Market and Forecast

5.4 Global - Orthopedic Applications Market and Forecast

6. GLOBAL MEDICAL CERAMICS MARKET & FORECAST - BY REGION (2011 - 2025)

6.1 North America - Medical Ceramics Market and Forecast

6.2 Europe - Medical Ceramics Market and Forecast

6.3 Asia-Pacific - Medical Ceramics Market and Forecast

6.4 Middle East & Africa - Medical Ceramics Market and Forecast

6.5 Central & South America - Medical Ceramics Market and Forecast

7. GLOBAL MEDICAL CERAMICS MARKET - COMPANY ANALYSIS

7.1 CeramTec GmbH

7.1.1 Company Overview

7.1.2 Business Strategy

7.1.3 Financial Insight

7.2 Kyocera Corporation

7.2.1 Company Overview

7.2.2 Business Strategy

7.2.3 Financial Insight

7.3 Morgan Advanced Materials Plc

7.3.1 Company Overview

7.3.2 Business Strategy

7.3.3 Financial Insight

7.4 H.C. Starck Ceramics GmbH (Now Kyocera Fineceramics Precision GmbH)

7.4.1 Company Overview

7.4.2 Financial Insight

7.5 3M

7.5.1 Company Overview

7.5.2 Business Strategy

7.5.3 Financial Insight

7.6 DSM

7.6.1 Company Overview

7.6.2 Business Strategy

7.6.3 Financial Insight

7.7 NGK Spark Plug Co., Ltd.

7.7.1 Company Overview

7.7.2 Business Strategy

7.7.3 Financial Insight

7.8 DePuy Synthes (Johnson & Johnson)

7.8.1 Company Overview

7.8.2 Business Strategy

7.8.3 Financial Insight

7.9 Zimmer Biomet Holding Inc.

7.9.1 Company Overview

7.9.2 Business Strategy

7.9.3 Financial Insight

7.10 Straumann

7.10.1 Company Overview

7.10.2 Business Strategy

7.10.3 Financial Insight

7.11 Stryker

7.11.1 Company Overview

7.11.2 Business Strategy

7.11.3 Financial Insight

7.12 Bonesupport Holding AB

7.12.1 Company Overview

7.12.2 Business Strategy

7.12.3 Financial Insight

7.13 Globus Medical Inc.

7.13.1 Company Overview

7.13.2 Business Strategy

7.13.3 Financial Insight

7.14 Deltex Medical

7.14.1 Company Overview

7.14.2 Business Strategy

7.14.3 Financial Insight

7.15 Curasan Inc.

7.15.1 Company Overview

7.15.2 Financial Insight

8. GLOBAL MEDICAL CERAMICS MARKET - GROWTH DRIVERS

8.1 Rising Problems of Hip Joint in The Geriatric Population

8.2 Rise in Surgical Procedures Related to Orthopedic and Dental Implants to Drive Demand for Medical Ceramics

8.3 Success Rates with Ceramic Implants

8.4 Growing Geriatric Population Drives Medical Ceramics Market

9. GLOBAL MEDICAL CERAMICS MARKET - CHALLENGES

9.1 Concerns Related to Medical Ceramics

9.2 High Costs of Medical Ceramics

List Of Figures

LIST OF FIGURES:

Figure 2-1: Global - Medical Ceramics Market (Million US\$), 2011 - 2018

Figure 2-2: Global - Forecast for Medical Ceramics Market (Million US\$), 2019 - 2025

Figure 4-1: Global - Bio-inert Medical Ceramics Market (Million US\$), 2011 - 2018

Figure 4-2: Global - Forecast for Bio-inert Medical Ceramics Market (Million US\$), 2019 - 2025

Figure 4-3: Global - Alumina Medical Ceramics Market (Million US\$), 2011 - 2018

Figure 4-4: Global - Forecast for Alumina Medical Ceramics Market (Million US\$), 2019 - 2025

Figure 4-5: Global - Zirconia Medical Ceramics Market (Million US\$), 2011 - 2018

Figure 4-6: Global - Forecast for Zirconia Medical Ceramics Market (Million US\$), 2019 - 2025

Figure 4-7: Global - Bioactive Medical Ceramics Market (Million US\$), 2011 - 2018

Figure 4-8: Global - Forecast for Bioactive Medical Ceramics Market (Million US\$), 2019 - 2025

Figure 4-9: Global - Hydroxyapatite Medical Ceramics Market (Million US\$), 2011 - 2018

Figure 4-10: Global - Forecast for Hydroxyapatite Medical Ceramics Market (Million US\$), 2019 - 2025

Figure 4-11: Global - Glass Ceramics Medical Ceramics Market (Million US\$), 2011 - 2018

Figure 4-12: Global - Forecast for Glass Ceramics Medical Ceramics Market (Million US\$), 2019 - 2025

Figure 4-13: Global - Bioresorbable Medical Ceramics Market (Million US\$), 2011 - 2018

Figure 4-14: Global - Forecast for Bioresorbable Medical Ceramics Market (Million US\$), 2019 - 2025

Figure 4-15: Global - Piezo-ceramics Medical Ceramics Market (Million US\$), 2011 - 2018

Figure 4-16: Global - Forecast for Piezo-ceramics Medical Ceramics Market (Million US\$), 2019 - 2025

Figure 5-1: Global Medical Ceramics - Regenerative Procedures Market (Million US\$), 2011 - 2018

Figure 5-2: Global Medical Ceramics - Forecast for Regenerative Procedures Market (Million US\$), 2019 - 2025

Figure 5-3: Global Medical Ceramics - Medical Equipment Market (Million US\$), 2011 - 2018

2018

Figure 5-4: Global Medical Ceramics - Forecast for Medical Equipment Market (Million US\$), 2019 - 2025

Figure 5-5: Global Medical Ceramics - Dental Applications Market (Million US\$), 2011 - 2018

Figure 5-6: Global Medical Ceramics - Forecast for Dental Applications Market (Million US\$), 2019 - 2025

Figure 5-7: Global Medical Ceramics - Orthopedic Applications Market (Million US\$), 2011 - 2018

Figure 5-8: Global Medical Ceramics - Forecast for Orthopedic Applications Market (Million US\$), 2019 - 2025

Figure 6-1: North America - Medical Ceramics Market (Million US\$), 2011 - 2018

Figure 6-2: North America - Forecast for Medical Ceramics Market (Million US\$), 2019 - 2025

Figure 6-3: Europe - Medical Ceramics Market (Million US\$), 2011 - 2018

Figure 6-4: Europe - Forecast for Medical Ceramics Market (Million US\$), 2019 - 2025

Figure 6-5: Asia-Pacific - Medical Ceramics Market (Million US\$), 2011 - 2018

Figure 6-6: Asia-Pacific - Forecast for Medical Ceramics Market (Million US\$), 2019 - 2025

Figure 6-7: Middle East & Africa - Medical Ceramics Market (Million US\$), 2011 - 2018

Figure 6-8: Middle East & Africa - Forecast for Medical Ceramics Market (Million US\$), 2019 - 2025

Figure 6-9: Central & South America - Medical Ceramics Market (Million US\$), 2011 - 2018

Figure 6-10: Central & South America - Forecast for Medical Ceramics Market (Million US\$), 2019 - 2025

Figure 7-1: CeramTec GmbH - Medical Applications/Products Sales (Million US\$), 2011 - 2018

Figure 7-2: CeramTec GmbH - Forecast for Medical Applications/Products Sales (Million US\$), 2019 - 2025

Figure 7-3: Kyocera Corporation - Net Sales (Million US\$), 2011 - 2018

Figure 7-4: Kyocera Corporation - Forecast for Net Sales (Million US\$), 2019 - 2025

Figure 7-5: Morgan Advanced Materials - Net Sales (Million US\$), 2011 - 2018

Figure 7-6: Morgan Advanced Materials - Forecast for Net Sales (Million US\$), 2019 - 2025

Figure 7-7: H.C. Starck - Net Sales (Million US\$), 2011 - 2018

Figure 7-8: 3M - Net Sales (Million US\$), 2011 - 2018

Figure 7-9: 3M - Forecast for Net Sales (Million US\$), 2019 - 2025

Figure 7-10: DSM - Net Sales (Million US\$), 2014 - 2018

Figure 7-11: DSM - Forecast for Net Sales (Million US\$), 2019 - 2025

Figure 7-12: NGK Spark Plug Co., Ltd. - Net Sales (Million US\$), 2011 - 2018

Figure 7-13: NGK Spark Plug Co., Ltd. - Forecast for Net Sales (Million US\$), 2019 - 2025

Figure 7-14: DePuy Synthes (Johnson & Johnson) - Net Sales (Million US\$), 2011 - 2018

Figure 7-15: DePuy Synthes (Johnson & Johnson) - Forecast for Net Sales (Million US\$), 2019 - 2025

Figure 7-16: Zimmer Biomet Holding Inc. - Net Sales (Million US\$), 2011 - 2018

Figure 7-17: Zimmer Biomet Holding Inc. - Forecast for Net Sales (Million US\$), 2019 - 2025

Figure 7-18: Straumann - Net Sales (Million US\$), 2011 - 2018

Figure 7-19: Straumann - Forecast for Net Sales (Million US\$), 2019 - 2025

Figure 7-20: Stryker - Net Sales (Million US\$), 2011 - 2018

Figure 7-21: Stryker - Forecast for Net Sales (Million US\$), 2019 - 2025

Figure 7-22: Bonesupport Holding AB - Net Sales (Million US\$), 2011 - 2018

Figure 7-23: Bonesupport Holding AB - Forecast for Net Sales (Million US\$), 2019 - 2025

Figure 7-24: Globus Medical Inc. - Net Sales (Million US\$), 2011 - 2018

Figure 7-25: Globus Medical Inc. - Forecast for Net Sales (Million US\$), 2019 - 2025

Figure 7-26: Deltex Medical - Net Sales (Million US\$), 2015 - 2018

Figure 7-27: Deltex Medical - Forecast for Net Sales (Million US\$), 2019 - 2025

Figure 7-28: Curasan Inc. - Net Sales (Million US\$), 2011 - 2018

Figure 7-29: Curasan Inc. - Forecast for Net Sales (Million US\$), 2019 - 2025

Figure 8-1: World - Ageing Population (65+) & Forecast (Million), 2010, 2015, 2020, 2025, 2050

List Of Tables

LIST OF TABLES:

Table 3-1: By Type of Materials - Global Medical Ceramics Market Share (Percent), 2011 - 2018

Table 3-2: By Type of Materials - Forecast for Global Medical Ceramics Market Share (Percent), 2019 - 2025

Table 3-3: By Applications - Global Medical Ceramics Market Share (Percent), 2011 - 2018

Table 3-4: By Applications - Forecast for Global Medical Ceramics Market Share (Percent), 2019 - 2025

Table 3-5: By Region - Global Medical Ceramics Market Share (Percent), 2011 - 2018

Table 3-6: By Region - Forecast for Global Medical Ceramics Market Share (Percent), 2019 - 2025

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