Summary

Ceramic technology developments have contributed heavily to the development of implantable electronic devices. Biocompatibility and resistance to wear have made ceramic materials ideal for a range of medical implant applications, from artificial joints to implantable electronic sensors, stimulators and drug delivery devices. Alumina and zirconia, among other ceramics, have been successful in holding up to the harsh environment of the human body.

Market for Medical Ceramics material types analyzed in this study includes Aluminum Oxide, Zirconia, Zirconia Alumina and Others. The report also includes the market analysis for end-use application areas of medical ceramics – Dental, Orthopedic, Implantable Electronic Devices, Surgical & Diagnostic Instruments and Others. The report analyses the global market in terms of USD Million. The global Medical Ceramics market for 2011 is estimated at US$10.4 billion and is projected to increase at a CAGR of 3.5% (2007-2017) to reach US$13.1 billion by 2017.

The report reviews, analyses and projects the Medical Ceramics market for global and the regional markets including the United States, Japan, Europe, Asia-Pacific and Rest of World. The regional markets further analyzed for 3 more independent countries in Europe – France, Germany and the United Kingdom.

This 198 page global market report includes 82 charts (includes a data table and graphical representation for each chart), supported with meaningful and easy to understand graphical presentation, of the market. The statistical tables represent the data for the global market by geographic region, material type and end-use applications of Medical Ceramics. The brief business profiles of 42 key global players and 58 major players across the United States – 26; Japan – 4; Europe – 22; Asia-Pacific – 4; and Rest of World – 2 are included in the report.

The report also provides the listing of the companies engaged in research and development, raw material & equipment manufacturing, processing, supplies and distribution of Advanced Ceramics. The global list covers the addresses, contact numbers and the website addresses of 531 companies.

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   Advanced Cerametrics Inc
   Advanced Ceramics Research, Inc
   Advanced Industrial Ceramics
   Advanced Monolithic Ceramics, Inc
   APC International Ltd
   AVX Corporation
   Barat Ceramics GmbH
   BCE Special Ceramics GmbH
   Berkeley Advanced Biomaterials Inc
   Ceradyne Inc
   Ceram Research Ltd
   Ceramtec GmbH
   Chuangxin Medical Treatment Apparatus Technology Co Ltd
   Coorstek, Inc
   Covalent Materials Corporation
   Denka Chemicals GmbH
   Doxa AB
   Ferro-Ceramic Grinding Inc
   Friatec AG
   International Ceramic Engineering
   Kemet Corporation
   Metoxit AG
   Micro Ceramics Limited
   Noritake Co Ltd
   Physik Instrumente (PI) GmbH & CO KG
   Piezo Kinetics, Inc
   Raymor Industries, Inc.
   Refractron Technologies Corp
   Rockwood Holdings, Inc
   Saint-Gobain Ceramics & Plastics Inc
   Shandong Dahan Energy Nano Ceramic Factory
   Smaht Ceramics, Inc
   Small Precision Tools Inc
   Societe Des Ceramiques Techniques
   Superior Technical Ceramics Corp
   Temex-Ceramics
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   Tosoh Corporation
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   Vishay Intertechnology Inc
   Wright Medical Technology, Inc

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Morgan Technical Ceramics (United Kingdom)
Nobel Biocare Management AG (Switzerland)
Physik Instrumente (PI) GmbH & Co Kg (Germany)
Sembach GmbH & Co., Kg. (Germany)
Societe Des Ceramiques Techniques (France)
Sulzer Metco Ltd (Switzerland)
Temex-Ceramics (France)
The Morgan Crucible Company Plc (United Kingdom)

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Hangzhou Nanxi Dental Medical Equipment Co Ltd (China)
Hangzhou Yapeng Medical Devices Co Ltd (China)
Shandong Dahan Energy Nano Ceramic Factory (China)

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