

BIOMATERIALS – A GLOBAL MARKET OVERVIEW

Summary

Opting for the right material to use in a medical device is no longer a complex procedure, barring the fact that such medical devices fabricated using these materials are biocompatible, which can be ensured by upping the ante for tests needed to be passed by designers and engineers, if they want regulatory approval for their devices. Advancements in medical technology have taken a heavy toll on plastic materials that are used in medical applications, which has been further exacerbated by developments in the fields of medical plastic, titanium/stainless steel metal replacement implant materials, being primarily driven by issues of biocompatibility, in addition to demand for enhanced implant mechanical performance.

Market for Biomaterial types analyzed in this study includes Polymer Biomaterials, Metal Biomaterials and Ceramic Biomaterials. The report also includes the market analysis for product categories of Biomaterials – Orthopedic, Cardiology, Plastic Surgery, Wound Care and Other. The report analyses the market in terms of USD Million. The global Biomaterials market for 2011 is estimated at US\$37.6 billion and is projected to increase at a CAGR of 14% (2007-2017) to reach US\$83.9 billion by 2017.

The report reviews, analyses and projects the Biomaterials market for global and the regional markets including the United States, Europe, Asia-Pacific and Rest of World. The regional markets further analyzed for 8 independent countries across Europe – France, Germany, Italy Spain, the United Kingdom and Rest of Europe; Asia-Pacific – China, India, Japan and Rest of Asia-Pacific.

This 266 page global market report includes 76 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 biomaterial product categories. The brief business profiles of 74 key global players and 98 major players across the United States – 60; Europe – 27; Asia-Pacific – 6; and Rest of World – 5 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 Biomaterials. The global list covers the addresses, contact numbers and the website addresses of 371 companies.

For More information <http://industry-experts.com/verticals/biotechnology/biomaterials-a-global-market-overview.html>

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- Plasma Science to Gain Major Advances from New Research Center
- Biomaterials Honing In on the Bone
- Powder Biocompatible Materials for Three Dimensional Printing from IQS
- Mounting Crude Oil Prices Turn Focus on Biomaterials
- Circulatory System and Biomaterials and Devices
- Advanced Biomaterials and Regeneration with Innovative Strategies for Tendon and Ligament Tissue Engineering
- Challenges Faced In the Manufacture of Biomedically Compatible Micro-Miniature Devices
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- Latest Advances in Medical Textiles
- Materials-Based Tissue Replacement Using Tissue Scaffolds
- Advances in Porous Biomaterials for Dental and Orthopedic Applications
- Success of Implantable Medical Driven By Biocompatible Materials
- Biomedical Optics: Recent Trends and Developments
- Potential Applications for Biomaterials in Dental Tissue Engineering
- Dental Deals Bring a "Smile" To Biomaterials Market
- Tissue Engineering and Biomaterials

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- 3DM, INC.
- 3M Healthcare
- aap Biomaterials GmbH
- Abbott Laboratories
- Acumed LLC
- Advansource Biomaterials Corporation
- Allergan, Inc.
- Angiotech Pharmaceuticals, Inc.
- Apatech Ltd
- Arkema SA
- Artimplant AB
- At&M Biomaterials Co Ltd
- Augma Biomaterials Ltd
- B Braun Melsungen AG
- Baxter International Inc.
- Bayer AG
- Bayer Materialscience LLC
- Berkeley Advanced Biomaterials, Inc.
- Biocoat Inc

- Biocomposites Ltd.
- Biocoral, Inc.
- Biointeractions Ltd.
- Biomaterials Korea Inc.
- Biomet, Inc
- Bioretec Ltd.
- Bristol-Myers Squibb Co
- Celanese Corporation
- Compagnie De Saint-Gobain
- Conmed Corporation
- Corin Group Plc
- Covidien Plc
- Cryolife Inc.
- Depuy Inc.
- Dow Corning Corporation
- Dupont (Ei) De Nemours
- Eastman Chemical Company
- ETEX Corporation
- Exactech, Inc
- Exxonmobil Chemical Company
- GE Healthcare
- Genzyme Corporation
- Hans Hermann GmbH
- Ineos Group Limited
- Integra Lifesciences Holdings Corporation
- International Specialty Products Inc.
- Invivio Ltd.
- Japan Medical Materials Corporation
- Johnson & Johnson
- Johnson Matthey Plc
- Kensey Nash Corporation
- Lifecell Corporation
- Medtronic, Inc.
- Millenium Biologix Corporation
- Olympus Terumo Biomaterials Corporation
- Orthovita Inc.
- Osteotech Inc
- Pioneer Surgical Technology Inc
- Polyone Corporation
- Protein Polymer Technologies Inc.
- Q-Med AB
- Royal DSM N.V.
- RTI Biologics, Inc.
- Seikagaku Corp.
- Shanghai Meidong Biomaterials Co., Ltd
- Smith & Nephew Plc
- Solvay Advanced Polymers, LLC
- Sorin Group
- Stryker Corporation
- Surmodics Inc

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Synthes Inc
The Morgan Crucible Company Plc
Westlake Plastics
Wright Medical Group, Inc.
Zimmer Holdings, Inc

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GE Healthcare Acquires Orbotech Medical Solutions
BASF Enhances Presence in Biobased Products
Morgan Technical Ceramics Collaborates with Avoco Medical Ltd
Arthrex Takes Over Certain Assets of Cardio Medical
Medtronic Launches the CD Horizon® Solera™ Spinal System
Solviva® Biomaterials from Solvay Attains ISO Certification
DuPont to Acquire Danisco
Dexco Polymers Taken Over by TSRC Corporation
Zimmer Acquires Beijing Montagne Medical Device Co., Ltd
Bayer MaterialScience Enhances Biomaterials Product Line
Medtronic Launches New Heart Valve Repair Ring
Medtronic Acquires Osteotech
Baxter Introduces GLASSIA™ in the US
Pioneer® Surgical Technology in an Agreement with SpineSmith, LP
Integra™ Endoscopic Gastroc Release System (EGR) Launched by Integra LifeSciences
DSM, DuPont in a JV for Surgical Biomedical Materials
Integra LifeSciences Launches New Surgical Spine Instruments
VertiFlex's Minimally Invasive Spine Reconstruction Portfolio Acquired by Exactech
Zeus Biomaterials Facility Obtains ISO Class 7 Certification
Medtronic Acquires ATS Medical
BioServe, Windber Research Institute in a Strategic Alliance
Medtronic's New Bone Cement with Hydroxyapatite Launched in the US
Gish Biomedical Acquired by Sorin Group
Exactech Takes Over Brighton Partners
DePuy Spine Introduces EXPEDIUM® Vertebral Body Derotation (VBD) Instrument Set
Medtronic Acquires Invatec Along with its Affiliated Companies
Integra Commercially Launches Paramount® Pedicle Screw (PS) System for Minimally Invasive Spine Surgery
DePuy Introduces New Products/Systems
PriMatrix from TEI Biosciences Granted APMA Approval
Fidia Advanced Biopolymers Acquired by Anika Therapeutics
FACT's Long-Fiber Thermoplastics Business Acquired by Celanese
DePuy Orthopaedics Takes Over Finsbury Orthopaedics
ApaTech Introduces Actifuse® MIS Bone Graft Delivery System
Q-Med AB and Oceana Therapeutics, Inc to File Regulatory Approval for SOLESTA™
Abbott Acquires Evalve, Inc
Abbott Takes Over Visiogen
Next Generation Radiofrequency Electrode Launched by DePuy Mitek

Medtronic's Novel Cement Delivery System for Kyphon® Balloon Kyphoplasty Launched
Integra LifeSciences Acquires Innovative Spinal Technologies, Inc
Coral Cobalt Chrome Rods Launched by Integra LifeSciences
FDA Advisory Panel Recommends Approval
Kensey Nash to Acquire Rights to OsseoFit Product
Baxter Acquires Continuous Renal Replacement Therapy Business from Edwards Lifesciences
Next-Generation Embolic Protection System from Abbott
First Human Implant of Pyrocarbon Shoulder Arthroplasty Prosthesis Announced by Tornier
Atoll Occipital-Cervical-Thoracic System Launched by Integra
Medtronic Acquires CoreValve Inc
Ethicon Launches GYNECARE PROLIFT+M™ Pelvic Floor Repair System in the US
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Series of PEEK-Optima(R) Interbody Spinal Implants Introduced by Integra
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3M Healthcare
Abbott Laboratories
Acumed LLC
Advansource Biomaterials Corporation
Allergan, Inc.
Allosource Inc.
Anika Therapeutics, Inc.
Arthrex Inc.
AST Products Inc
Baxter International Inc.
Bayer Materialscience LLC

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Berkeley Advanced Biomaterials, Inc.
 Biocoat Inc
 Biomet, Inc
 Bioniche Pharma USA, LLC
 Bristol-Myers Squibb Co
 Capstone Therapeutics Corp
 Celanese Corporation
 Conmed Corporation
 Cryolife Inc.
 Depuy Inc.
 Depuy Orthopaedics Inc.
 Dow Chemical
 Dow Corning Corporation
 Dupont (EI) De Nemours
 Eastman Chemical Company
 ETEX Corporation
 Exactech, Inc
 Exxonmobil Chemical Company
 Genzyme Corporation
 Integra Lifesciences Holdings Corporation
 International Specialty Products Inc.
 Interpore Cross International
 Invibio, Inc.
 ISTO Technologies, Inc.
 Johnson & Johnson
 Kensey Nash Corporation
 LifeCell Corporation
 Medtronic, Inc.
 Memry Corporation
 Mentor Worldwide LLC
 Organogenesis, Inc.
 Orthovita Inc.
 Osteotech Inc
 Pioneer Surgical Technology Inc
 Polyone Corporation
 Protein Polymer Technologies Inc.
 Regen Biologics Inc
 RTI Biologics, Inc.
 Solvay Advanced Polymers, LLC
 Stryker Corporation
 Surmodics Inc
 Synthes Inc
 TEI Biosciences
 Tornier Inc.
 Tutogen Medical, Inc.
 Westlake Plastics
 Wright Medical Group, Inc.
 Zimmer Holdings, Inc

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 Apatech Ltd (United Kingdom)
 Arkema SA (France)
 Artimplant AB (Sweden)
 B Braun Melsungen AG (Germany)
 BASF SE (Germany)
 Bayer AG (Germany)
 Bayer Materialscience AG (Germany)
 Biocomposites Ltd. (United Kingdom)
 Biocoral, Inc. (France)
 Biointeractions Ltd. (United Kingdom)
 Bioretec Ltd. (Finland)
 Compagnie De Saint-Gobain (France)
 Corin Group Plc (United Kingdom)
 Covidien Plc (Ireland)
 GE Healthcare (United Kingdom)
 Hans Hermann GmbH (Germany)
 Ineos Group Limited (United Kingdom)
 Inion OY (Finland)
 Invibio Ltd. (United Kingdom)
 Johnson Matthey Plc (United Kingdom)
 Q-Med AB (Sweden)
 Royal DSM N.V. (The Netherlands)
 Smith & Nephew Plc (United Kingdom)
 Sorin Group (Italy)
 The Morgan Crucible Company Plc (United Kingdom)
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AT&M Biomaterials Co Ltd (China)
Shanghai Meidong Biomaterials Co., Ltd (China)
Japan Medical Materials Corporation (Japan)
Olympus Terumo Biomaterials Corporation (Japan)
Seikagaku Corp. (Japan)
Biomaterials Korea Inc. (South Korea)

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Covalon Technologies (Canada)
Gensci Regeneration Sciences, Inc (Canada)
Millenium Biologix Corporation (Canada)

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