Cartilage Repair/Cartilage Regeneration Market by Treatment modalities (Chondrocyte Transplantation, Growth Factor Technology, Tissue Scaffolds, Cell-free composites), Application (Hyaline Cartilage, Fibrocartilage), Region - Forecast to 2021

Description: In this report, the cartilage repair/ cartilage regeneration market is segmented on the basis of treatment modalities, application, and region. Factors such as Increase in obese population and rising incidence of sports injuries are the major factors driving the growth of cartilage repair/ cartilage regeneration market. On the other hand, high cost of therapy and unfavorable reimbursement scenario are the major factors restraining the growth of this market.

On the basis of treatment modalities, the market is segmented into cell based approaches and non-cell based approaches. Cell based approaches are further segmented into chondrocyte transplantation, growth factor technology, and stem cells. Non-cell based approaches are segmented into tissue scaffolds and cell-free composites. The cell based approaches segment is expected to account for the largest market share in 2016. The large share of this segment can be attributed to long-term results of these therapies in terms of cartilage repair.

Based on applications, the cartilage repair/ cartilage regeneration market is segmented into hyaline cartilage and fibrocartilage. The hyaline cartilage segment is expected to account for the largest market share in 2016. The large share of this segment can be attributed to the high prevalence of cartilage damage in hyaline cartilage.

Based on geography, the cartilage repair/ cartilage regeneration market is segmented into North America, Europe, Asia, Pacific, and Rest of the World. North America is expected to be the fastest-growing regional segment in the cartilage repair/ cartilage regeneration market. North America is also expected to account for largest share in the cartilage repair/ cartilage regeneration market, by region in 2016. The high growth and largest share of this segment can primarily be attributed to the expansion of the cartilage repair/ cartilage regeneration market in this region due to presence of major players in this market and wide availability of cartilage repair products.

Acquisitions was the most widely adopted growth strategy pursued by players in the cartilage repair/ cartilage regeneration market, to increase their shares and cater to the unmet needs. The major players operating in the cartilage repair/ cartilage regeneration market include Zimmer Biomet Holdings, Inc. (U.S.), Vericel Corporation (U.S.), Smith & Nephew plc (U.K.), Osiris Therapeutics, Inc. (U.S.), and Arthrex Inc. (U.S.).

Research Coverage:

The report provides a picture on cartilage repair/ cartilage regeneration products and therapies across different industry verticals and regions. It aims at estimating the market size and future growth potential of this market across different segments such as treatment modality, application, and regions. Furthermore, the report also includes an in-depth competitive analysis of the key players in the market along with their company profiles, recent developments, and key market strategies.

Reasons to buy this report:

This report will enable both established firms as well as new entrants/smaller firms to gauge the pulse of the market, which in turn will help these firms garner greater market shares. Firms purchasing the report can use any one or a combination of the below-mentioned five strategies (market penetration, product development/innovation, market development, market diversification, and competitive assessment) for strengthening their market shares.

The report provides insights on the following pointers:

- Market Penetration: Comprehensive information on the product portfolios of the top players in the cartilage repair/ cartilage regeneration market. The report provides an analysis of the cartilage repair/
cartilage regeneration market, by treatment modality, application, and region
- Product Development/Innovation: Detailed insights on the upcoming technologies, R&D activities, and new product launches in the cartilage repair/cartilage regeneration market
- Market Development: Comprehensive information about lucrative emerging markets. This report provides an analysis of the cartilage repair/cartilage regeneration market across regions
- Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the global cartilage repair/cartilage regeneration market
- Competitive Assessment: In-depth assessment of market strategies, product portfolios, and manufacturing capabilities of the leading players in the global cartilage repair/cartilage regeneration market

Contents:

1 Introduction
  1.1 Objectives of the Study
  1.2 Market Definition
  1.3 Limitations
  1.4 Market Segmentation

2 Research Methodology
  2.1 Market Size Estimation

3 Executive Summary
  3.1 Global Cartilage Repair & Regeneration Market
  3.2 Global Cartilage Repair and Regeneration Market, By Treatment Modality
  3.3 Global Cartilage Repair & Regeneration Market, By Region, 2016
  3.4 Global Cartilage Repair & Regeneration Market, By Application

4 Cartilage Repair and Regeneration Market: Market Overview
  4.1 Introduction
  4.2 Market Dynamics
  4.2.1 Drivers
  4.2.1.1 Growth in Obese Population
  4.2.1.2 Rising Incidence of Sport Injuries
  4.2.2 Restraints
  4.2.2.1 High Cost of Therapy
  4.2.2.2 Unfavorable Reimbursement Scenario
  4.2.3 Opportunities
  4.2.3.1 Limitations Associated With Current Surgical Techniques Resulting in Rising Inclination Towards Regenerative Medicine
  4.2.3.2 Technological Advancements and Strong Product Pipeline
  4.2.4 Challenges
  4.2.4.1 Issues Related to Safety and Efficacy of Products
  4.2.4.2 Stringent Regulatory Guidelines
  4.3 Reimbursement Scenario
  4.4 Regulatory Landscape

5 Cartilage Repair and Regeneration Market, By Treatment Modalities
  5.1 Introduction
  5.2 Cell-Based Approaches
  5.3 Chondrocyte Transplantation
  5.4 Growth Factor Technology
  5.5 Stem Cells
  5.6 Non-Cell-Based Approaches
  5.7 Tissue Scaffolds
  5.8 Cell-Free Composites

6 Cartilage Repair and Regeneration Market, By Application
  6.1 Introduction
  6.2 Hyaline Cartilage Repair and Regeneration
  6.3 Fibrocartilage Repair and Regeneration

7 Cartilage Repair and Regeneration Market, By Region
  7.1 North America
  7.2 Europe
7.3 Asia
7.4 Pacific
7.5 Rest of the World

8 Cartilage Repair and Regeneration Market: Competitive Landscape
8.1 Overview

9 Cartilage Repair and Regeneration Market: Company Profiles
9.1 Zimmer Biomet Holdings, Inc.
9.1.1 Business Overview
9.1.2 Product Portfolio
9.1.3 Recent Developments
9.2 Depuy Synthes (Johnson & Johnson Company)
9.2.1 Business Overview
9.2.2 Product Portfolio
9.2.3 Recent Developments
9.3 Vericel Corporation
9.3.1 Business Overview
9.3.2 Product Portfolio
9.3.3 Recent Developments
9.4 Smith & Nephew PLC
9.4.1 Business Overview
9.4.2 Product Portfolio
9.4.3 Recent Developments
9.5 Osiris Therapeutics, Inc.
9.5.1 Business Overview
9.5.2 Product Portfolio
9.5.3 Recent Developments
9.6 Arthrex, Inc.
9.6.1 Business Overview
9.6.2 Product Portfolio
9.6.3 Recent Developments
9.7 RTI Surgical
9.7.1 Business Overview
9.7.2 Product Portfolio
9.7.3 Recent Developments
9.8 Conmed Linvatec
9.8.1 Business Overview
9.8.2 Product Portfolio
9.8.3 Recent Developments
9.9 Anika Therapeutics S. R. L.
9.9.1 Business Overview
9.9.2 Product Portfolio
9.9.3 Recent Developments
9.10 B. Braun Melsungen AG
9.10.1 Business Overview
9.10.2 Product Portfolio
9.10.3 Recent Developments

10 Appendix

List of Tables

Table 1 Cartilage Repair & Regeneration Market Share, By Treatment Modalities, 2016
Table 2 FDA Approval Pathways for Cartilage Repair Products
Table 3 FDA Classification of Cartilage Repair Products
Table 4 Global Cartilage Repair and Regeneration Market, By Treatment Modalities, 2014-2021 (USD Million)
Table 5 Global Cartilage Repair and Regeneration Market, By Cell Based Approach, 2014-2021 (USD Million)
Table 6 Cartilage Repair and Regeneration Market for Cell Based Approach, By Region, 2014-2021 (USD Million)
Table 7 North America: Cartilage Repair and Regeneration Market for Cell Based Approach, By Country, 2014-2021 (USD Million)
Table 8 Europe: Cartilage Repair and Regeneration Market for Cell Based Approach, By Country, 2014-2021
Table 41: Pacific Cartilage Repair and Regeneration Market for Cell-Free Composites, By Country, 2014-2021 (USD Thousands)
Table 42: Global Cartilage Repair and Regeneration Market, By Application, 2014-2021 (USD Million)
Table 43: Cartilage Repair and Regeneration Market for Hyaline Cartilage, By Region, 2014-2021 (USD Million)
Table 44: North America: Cartilage Repair and Regeneration Market for Hyaline Cartilage, By Country, 2014-2021 (USD Million)
Table 45: Europe: Cartilage Repair and Regeneration Market for Hyaline Cartilage, By Country, 2014-2021 (USD Million)
Table 46: Asia: Cartilage Repair and Regeneration Market for Hyaline Cartilage, By Country, 2014-2021 (USD Million)
Table 47: Pacific: Cartilage Repair and Regeneration Market for Hyaline Cartilage, By Country, 2014-2021 (USD Million)
Table 48: Cartilage Repair and Regeneration Market for Fibrocartilage, By Region, 2014-2021 (USD Million)
Table 49: North America: Cartilage Repair and Regeneration Market for Fibrocartilage, By Country, 2014-2021 (USD Million)
Table 50: Europe: Cartilage Repair and Regeneration Market for Fibrocartilage, By Country, 2014-2021 (USD Million)
Table 51: Asia: Cartilage Repair and Regeneration Market for Fibrocartilage, By Country, 2014-2021 (USD Million)
Table 52: Pacific: Cartilage Repair and Regeneration Market for Fibrocartilage, By Country, 2014-2021 (USD Million)
Table 53: Global Cartilage Repair and Regeneration Market, By Region, 2014-2021 (USD Million)
Table 54: North America: Cartilage Repair and Regeneration Market, By Country, 2014-2021 (USD Million)
Table 55: North America: Cartilage Repair and Regeneration Market, By Treatment Modalities, 2014-2021 (USD Million)
Table 56: Europe: Cartilage Repair and Regeneration Market, By Country, 2014-2021 (USD Million)
Table 57: Europe: Cartilage Repair and Regeneration Market, By Treatment Modalities, 2014-2021 (USD Million)
Table 58: Asia: Cartilage Repair and Regeneration Market, By Treatment Modalities, 2014-2021 (USD Million)
Table 59: Asia: Cartilage Repair and Regeneration Market, By Country, 2014-2021 (USD Million)
Table 60: Pacific: Cartilage Repair and Regeneration Market, By Country, 2014-2021 (USD Million)
Table 61: Pacific: Cartilage Repair and Regeneration Market, By Treatment Modalities, 2014-2021 (USD Million)
Table 62: Pacific: Cartilage Repair and Regeneration Market, By Application, 2014-2021 (USD Million)
Table 63: Rest of the World: Cartilage Repair and Regeneration Market, By Treatment Modalities, 2014-2021 (USD Million)

List of Figures

Figure 1: Cartilage Repair & Regeneration Market, 2016 vs 2021
Figure 2: Cartilage Repair & Regeneration Market, 2016
Figure 3: 2016: North America Leads Globally in the Cartilage Repair and Regeneration Market
Figure 4: Cartilage Repair and Regeneration Market: Regional Shares, 2016
Figure 5: European Cartilage Repair and Regeneration Market: By Country, 2016
Figure 6: Asian Cartilage Repair and Regeneration Market: By Country, 2016
Figure 7: Growth Strategies By Major Players: Cartilage Repair and Regeneration Market (2014-2016)
Figure 8: Zimmer Biomet Holdings, Inc.: Geographic Revenue Mix
Figure 9: Zimmer Biomet Holdings, Inc.: Business Revenue Mix
Figure 10: DePuy Synthes (Johnson & Johnson Company): Geographic Revenue Mix
Figure 11: DePuy Synthes (Johnson & Johnson Company): Business Revenue Mix
Figure 12: Vericel Corporation: Business Revenue Mix
Figure 13: Smith & Nephew PLC: Geographic Revenue Mix
Figure 14: Smith & Nephew PLC: Business Revenue Mix
Figure 15: RTI Surgical: Geographic Revenue Mix
Figure 16: RTI Surgical: Business Revenue Mix
Figure 17: Conmed Linvatec: Geographic Revenue Mix
Figure 18: Conmed Linvatec: Business Revenue Mix
Figure 19: Anika Therapeutics S. R. L.: Geographic Revenue Mix
Figure 20: Anika Therapeutics S. R. L.: Business Revenue Mix
Figure 21: B. Braun Melsungen AG: Geographic Revenue Mix
Figure 22: B. Braun Melsungen AG: Business Revenue Mix
Ordering:

Order Online - [http://www.researchandmarkets.com/reports/3984459/](http://www.researchandmarkets.com/reports/3984459/)

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Cartilage Repair/Cartilage Regeneration Market by Treatment modalities (Chondrocyte Transplantation, Growth Factor Technology, Tissue Scaffolds, Cell-free composites), Application (Hyaline Cartilage, Fibrocartilage), Region - Forecast to 2021
Web Address: http://www.researchandmarkets.com/reports/3984459/
Office Code: SC

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>USD 5650</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td>USD 6650</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License:</td>
<td>USD 8150</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
<td>USD 10000</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof [ ]
First Name: ___________________________ Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ____________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World