Bone Graft Substitute Market information: by type (autograft, demineralized bone matrix, synthetic bone grafts, bone morphogenetic protein, others), by application (spinal fusion, joint reconstruction, long bone, dental, foot & ankle, others) - Global forecast till 2027

Market Synopsis of Global Bone Graft Substitute Market

Market scenario:

Bone grafting is a surgical procedure carried out to fix fracture bones and bone injury. The procedure involves transplantation of bone tissues to augment and regenerate bones that are lost due to diseases or injuries. Autografts have been used for decades for the grafting purposes. Autografts is one of the greatest available surgical procedure for the bone grafting. However, due to the double incision required during the autograft procedure, the pain associated with the procedure, and the post-operative pain on both the sites have encouraged the scientists to look for the alternatives. With the changing trends, use of the allografts, xenografts, and synthetic bone grafts is on the rise. Thus, with the development of these innovative products as a substitute for the real bones, the global market for bone graft substitute is growing.

Increased use of bone grafting procedure in the fixation of the damaged/broken bones, high demand of the bone graft substitutes in the military medical units, rising geriatric population with increasing orthopaedic problems, and increasing need for the reconstructive orthopaedic treatments drive the growth of the market. Additionally, increased usage of the bone graft substitutes in the field of dentistry and technological advancements from the leading market players with innovative bone graft products add fuel to the market growth. The bone graft substitute market offers great opportunities in the form of technological advancements in the orthopaedic industry, opportunities for investments, and consolidation for big healthcare providers in the U.S. among others. Synthetic material used in manufacturing of bone graft substitutes, for instance, hydroxyapatite are devoid of organic and biological agents, which hinder osteoconduction, osteoinduction, and osteogenesis. Thus, technological advancement in the form of recombinant DNA technology is use to eliminate these drawbacks by mixing these materials with growth factors to enhance grafts and stem cell-based auto grafts. The greater use of biotechnology is expected to increase the characteristics of synthetic bone graft such as osteoconduction, osteoinduction and osteogenesis, etc.

Furthermore, patient safety due to the risk of disease transmission in allografts and xenograft, risk of graft rejection, improper fixation and weak bonding, and unmet medical needs in the low income countries may hamper the growth of the market.

Considering all these factors, the global market of bone graft substitute is expected to reach $5,031.0 million by the end of 2027, this market is projected to grow at a CAGR of ~6.52% during the forecast period 2017-2027.

Key Findings:

- Americas accounted for the largest market share in 2016, and is projected to grow at a CAGR of 6.1% during the forecast period
- Europe was the second-largest market in 2016 and is projected to grow at a CAGR of 6.76%
- Asia Pacific is projected to show the fastest growth at the CAGR of 6.85% during the forecast period 2017-2027

Research Methodology
Sources: Mayo Clinic, MRFR Analysis

Intended Audience

- Global bone graft substitute manufacturers & suppliers
- Research and development (R&D) companies
- Hospitals and clinics
- Academic institutes and universities

Figure 1  Global bone graft substitute market share by type, 2016 (%)

Segments

The global bone graft substitute market has been segmented on the basis of type and application. Based on type, the market has been segmented as autograft, demineralized bone matrix, synthetic bone grafts, bone morphogenetic protein, and others. Based on the application, the market has been segmented as a spinal fusion, joint reconstruction, long bone, dental, foot & ankle, and others.

Regional analysis

The US accounts for the significant market share due to extensive use of medications and greater expenditure on health care. The fastest uptake of new technology and devices in the US is also an important driver of the global bone graft substitute market. The concentration of the major medical device manufacturers in the developed regions is also
adding fuel to the market.

Europe is the second largest market due to a high disposable income and rising awareness regarding bone graft substitutes.

Asia Pacific region is expected to grow rapidly and is estimated that China and India will lead the market.

Gulf nations, particularly, Saudi Arabia and UAE drives the Middle East & African market. The African region is expected to witness a moderate growth owing to poor economic and political conditions, and poor healthcare penetration.

Key Players in the Global Bone Graft Substitute Market

Some of key players profiled in the report are ACE Surgical Supply Company, Inc., BioHorizons IPH, Inc., Dentium Co., Ltd., Dentsply Sirona, Institut Straumann AG, Medtronic plc, Stryker Corporation, Zimmer Biomet and others.

The report for Global Bone graft substitute market by Market Research Future comprises of extensive primary research along with the detailed analysis of qualitative as well as quantitative aspects by various industry experts, key opinion leaders to gain a deeper insight of the market and industry performance. The report gives a clear picture of the current market scenario which includes past and estimated future market size with respect to value and volume, technological advancement, macro economical and governing factors in the market. The report provides detailed information about and strategies used by top key players in the industry. The report also gives a broad study of the different market segments and regions.

Contents:

1 Report Prologue
2 Introduction
   2.1 Definition
   2.2 Scope of Study
   2.3 Research Objective
   2.4 Assumptions & Limitations
   2.4.1 Assumptions
   2.4.2 Limitations
   2.5 Market Structure
3 Research Methodology
   3.1 Research Process
   3.2 Primary Research
   3.3 Secondary Research
   3.4 Market Size Estimation
   3.5 Forecast Model
4 Market Dynamics
   4.1 Introduction
   4.2 Drivers
   4.2.1 Increase in the number of bone grafting procedures
   4.2.2 Ageing population with demand for high quality musculoskeletal function in old age
   4.2.3 Increasing penetration of orthopaedic speciality hospitals and healthcare insurance
   4.3 Restraints
   4.3.1 Risk and complications from bone grafting procedures
   4.3.2 High cost of bone graft treatment
   4.4 Opportunities
   4.4.1 Technological advancements
   4.4.2 High investment in biotech sector
   4.4.3 Consolidation of large healthcare providers in the US
   4.5 Challenges
   4.5.1 Worsening regulatory landscape in the US
   4.5.2 Growing cost of noncompliance
   4.6 Macroeconomic Indicators
   4.7 Technology Trends & Assessment
   4.7.1 Bone-graft Materials
   4.7.2 Recombinant DNA Technology
   4.7.3 Titanium-foam Implant
   4.7.4 Customised Degradable Implants
   4.7.5 Nanotechnology
5 Market Factor Analysis
   5.1 Porter’s Five Forces Analysis
   5.1.1 Threat from a New Entrant
   5.1.2 Bargaining Power of Buyer
   5.1.3 Bargaining Power of Supplier
   5.1.4 Threat from substitute
   5.1.5 Intensity of Competitive Rivalry
5.2 Supply Chain Analysis
5.2.1 Raw Material
5.2.2 Supplier
5.2.3 Manufacturer
5.2.4 Distributer
5.2.5 Customer-Retailer
5.2.6 Consumer
5.3 Investment Opportunity Analysis
5.3.1 Market size, growth rate, and profitability
5.3.2 Investment Risks
5.3.3 Market Outlook
5.3.4 Competitors
5.3.5 Projections
5.4 Merger & Acquisition Landscape
6 Global Bone Graft Substitute Market, By Type
6.1 Introduction
6.2 Autograft
6.3 Demineralized Bone Matrix
6.4 Synthetic Bone Grafts
6.5 Bone Morphogenetic Protein
6.6 Others
7 Global Bone Graft Substitute Market, By Application
7.1 Introduction
7.2 Spinal Fusion
7.3 Joint Reconstruction
7.4 Long Bone
7.5 Dental
7.6 Foot & Ankle
7.7 Others
8 Global Bone Graft Substitute Market, By Region
8.1 Introduction
8.2 Americas
8.3 Europe
8.4 Asia Pacific
8.5 Middle East & Africa
9 Competitive Landscape
9.1 Introduction
9.2 Company Share Analysis
10 Company Profiles
10.1 ACE Surgical Supply Company, Inc.
10.1.1 Company Overview
10.1.2 Product Overview
10.1.3 Financial Overview
10.1.4 Key Development
10.2 BioHorizons IPH, Inc.
10.2.1 Company Overview
10.2.2 Product Overview
10.2.3 Financial Overview
10.2.4 Key Development
10.2.5 SWOT Analysis
10.3 Dentium Co., Ltd.
10.3.1 Company Overview
10.3.2 Product Overview
10.3.3 Financial Overview
10.3.4 Key Development
10.3.5 SWOT Analysis
10.4 Dentsply Sirona
10.4.1 Company Overview
10.4.2 Product Overview
10.4.3 Financial Overview
10.4.4 Key Development
10.4.5 SWOT Analysis
10.5 Institut Straumann AG
10.5.1 Company Overview
10.5.2 Product Overview
10.5.3 Financial Overview
10.5.4 Key Development
10.5.5 SWOT Analysis
10.6 Medtronic plc
10.6.1 Company Overview
10.6.2 Product Overview
10.6.3 Financial Overview
10.6.4 Key Development
10.6.5 SWOT Analysis
10.7 Stryker Corporation
10.7.1 Company Overview
10.7.2 Product Overview
10.7.3 Financial overview
10.7.4 Key Development
10.7.5 SWOT Analysis
## 10.8.1 Company Overview

## 10.8.2 Product Overview

## 10.8.3 Financial Overview

## 10.8.4 Key Development

## 10.8.5 SWOT Analysis

## 11 Conclusion

## 12 Key Findings

### 11.1.1 CEO’s Viewpoint

### 11.1.2 Unmet Needs

### 11.1.3 Key Companies to Watch

### 11.1.4 Prediction

### Sample

## 13 List of Tables

<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>TABLE 1</td>
<td>GLOBAL BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>36</td>
</tr>
<tr>
<td>TABLE 2</td>
<td>GLOBAL BONE GRAFT SUBSTITUTE MARKET FOR AUTOGRRAFT BY REGION, 2014 TO 2027 (USD MILLION)</td>
<td>37</td>
</tr>
<tr>
<td>TABLE 3</td>
<td>GLOBAL BONE GRAFT SUBSTITUTE MARKET FOR DBM BY REGION, 2014 TO 2027 (USD MILLION)</td>
<td>38</td>
</tr>
<tr>
<td>TABLE 4</td>
<td>GLOBAL BONE GRAFT SUBSTITUTE MARKET FOR SYNTHETIC BONE GRAFT BY REGION, 2014 TO 2027 (USD MILLION)</td>
<td>39</td>
</tr>
<tr>
<td>TABLE 5</td>
<td>GLOBAL BONE GRAFT SUBSTITUTE MARKET FOR BONE MORPHOGENETIC PROTEIN BY REGION, 2014 TO 2027 (USD MILLION)</td>
<td>40</td>
</tr>
<tr>
<td>TABLE 6</td>
<td>GLOBAL BONE GRAFT SUBSTITUTE MARKET BY APPLICATION, 2014 TO 2027 (USD MILLION)</td>
<td>42</td>
</tr>
<tr>
<td>TABLE 7</td>
<td>GLOBAL BONE GRAFT SUBSTITUTE MARKET FOR SPINAL FUSION BY REGION, 2014 TO 2027 (USD MILLION)</td>
<td>43</td>
</tr>
<tr>
<td>TABLE 8</td>
<td>GLOBAL BONE GRAFT SUBSTITUTE MARKET FOR JOINT RECONSTRUCTION BY REGION, 2014 TO 2027 (USD MILLION)</td>
<td>44</td>
</tr>
<tr>
<td>TABLE 9</td>
<td>GLOBAL BONE GRAFT SUBSTITUTE MARKET FOR LONG BONE BY REGION, 2014 TO 2027 (USD MILLION)</td>
<td>45</td>
</tr>
<tr>
<td>TABLE 10</td>
<td>GLOBAL BONE GRAFT SUBSTITUTE MARKET FOR DENTAL BY REGION, 2014 TO 2027 (USD MILLION)</td>
<td>46</td>
</tr>
<tr>
<td>TABLE 11</td>
<td>GLOBAL BONE GRAFT SUBSTITUTE MARKET FOR FOOT &amp; ANKLE BY REGION, 2014 TO 2027 (USD MILLION)</td>
<td>47</td>
</tr>
<tr>
<td>TABLE 12</td>
<td>GLOBAL BONE GRAFT SUBSTITUTE MARKET BY COUNTRY, 2014 TO 2027 (USD MILLION)</td>
<td>49</td>
</tr>
<tr>
<td>TABLE 13</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>50</td>
</tr>
<tr>
<td>TABLE 14</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY COUNTRY, 2014 TO 2027 (USD MILLION)</td>
<td>51</td>
</tr>
<tr>
<td>TABLE 15</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>52</td>
</tr>
<tr>
<td>TABLE 16</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>53</td>
</tr>
<tr>
<td>TABLE 17</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>54</td>
</tr>
<tr>
<td>TABLE 18</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>55</td>
</tr>
<tr>
<td>TABLE 19</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>56</td>
</tr>
<tr>
<td>TABLE 20</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>57</td>
</tr>
<tr>
<td>TABLE 21</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>58</td>
</tr>
<tr>
<td>TABLE 22</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>59</td>
</tr>
<tr>
<td>TABLE 23</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>60</td>
</tr>
<tr>
<td>TABLE 24</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>61</td>
</tr>
<tr>
<td>TABLE 25</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>62</td>
</tr>
<tr>
<td>TABLE 26</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>63</td>
</tr>
<tr>
<td>TABLE 27</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>64</td>
</tr>
<tr>
<td>TABLE 28</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>65</td>
</tr>
<tr>
<td>TABLE 29</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>66</td>
</tr>
<tr>
<td>TABLE 30</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>67</td>
</tr>
<tr>
<td>TABLE 31</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>68</td>
</tr>
<tr>
<td>TABLE 32</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>69</td>
</tr>
<tr>
<td>TABLE 33</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>70</td>
</tr>
<tr>
<td>TABLE 34</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>71</td>
</tr>
<tr>
<td>TABLE 35</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>72</td>
</tr>
<tr>
<td>TABLE 36</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>73</td>
</tr>
<tr>
<td>TABLE 37</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>74</td>
</tr>
<tr>
<td>TABLE 38</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>75</td>
</tr>
<tr>
<td>TABLE 39</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>76</td>
</tr>
<tr>
<td>TABLE 40</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>77</td>
</tr>
<tr>
<td>TABLE 41</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>78</td>
</tr>
<tr>
<td>TABLE 42</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>79</td>
</tr>
<tr>
<td>TABLE 43</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>80</td>
</tr>
<tr>
<td>TABLE 44</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>81</td>
</tr>
<tr>
<td>TABLE 45</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>82</td>
</tr>
<tr>
<td>TABLE 46</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>83</td>
</tr>
<tr>
<td>TABLE 47</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>84</td>
</tr>
<tr>
<td>TABLE 48</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>85</td>
</tr>
<tr>
<td>TABLE 49</td>
<td>AMERICAS BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION)</td>
<td>86</td>
</tr>
</tbody>
</table>
TABLE 51 INDIA BONE GRAFT SUBSTITUTE MARKET BY APPLICATION, 2014 TO 2027 (USD MILLION) 87
TABLE 52 REPUBLIC OF KOREA BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION) 88
TABLE 53 REPUBLIC OF KOREA BONE GRAFT SUBSTITUTE MARKET BY APPLICATION, 2014 TO 2027 (USD MILLION) 89
TABLE 54 AUSTRALIA BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION) 90
TABLE 55 AUSTRALIA BONE GRAFT SUBSTITUTE MARKET BY APPLICATION, 2014 TO 2027 (USD MILLION) 91
TABLE 56 REST OF ASIA PACIFIC BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION) 92
TABLE 57 REST OF ASIA PACIFIC BONE GRAFT SUBSTITUTE MARKET BY APPLICATION, 2014 TO 2027 (USD MILLION) 93
TABLE 58 MIDDLE EAST & AFRICA BONE GRAFT SUBSTITUTE MARKET BY REGION, 2014 TO 2027 (USD MILLION) 94
TABLE 59 MIDDLE EAST & AFRICA BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION) 95
TABLE 60 MIDDLE EAST & AFRICA BONE GRAFT SUBSTITUTE MARKET BY APPLICATION, 2014 TO 2027 (USD MILLION) 96
TABLE 61 MIDDLE EAST BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION) 97
TABLE 62 MIDDLE EAST BONE GRAFT SUBSTITUTE MARKET BY APPLICATION, 2014 TO 2027 (USD MILLION) 98
TABLE 63 AFRICA BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2014 TO 2027 (USD MILLION) 99
TABLE 64 AFRICA BONE GRAFT SUBSTITUTE MARKET BY APPLICATION, 2014 TO 2027 (USD MILLION) 100
TABLE 65 BIOHORIZONS IPH, INC: KEY DEVELOPMENT 106
TABLE 66 DENTIUM CO. LTD: KEY DEVELOPMENT 109
TABLE 67 DENTSPLY SIRONA: KEY DEVELOPMENT 112
TABLE 68 INSTITUT STRAUMANN AG: KEY DEVELOPMENT 115
TABLE 69 MEDTRONIC: KEY DEVELOPMENT 119
TABLE 70 STRYKER CORPORATION: KEY DEVELOPMENT 123
TABLE 71 ZIMMER BIOMET: KEY DEVELOPMENT 127

14 List of Figures
FIGURE 1 GLOBAL BONE GRAFT SUBSTITUTE MARKET SHARE, BY TYPE, 2016 (%) 11
FIGURE 2 GLOBAL BONE GRAFT SUBSTITUTE MARKET SHARE, BY APPLICATION, 2016 (%) 12
FIGURE 3 GLOBAL BONE GRAFT SUBSTITUTE MARKET SHARE, BY REGION, 2016 (%) 13
FIGURE 4 GLOBAL BONE GRAFT SUBSTITUTE MARKET: MARKET STRUCTURE 15
FIGURE 5 RESEARCH PROCESS OF MRFR 16
FIGURE 6 GLOBAL BONE GRAFT SUBSTITUTE MARKET: FORECAST MODEL 18
FIGURE 7 GLOBAL BONE GRAFT SUBSTITUTES MARKET: FORECAST INDICATORS 19
FIGURE 8 PORTERS FIVE FORCES MODEL 26
FIGURE 9 GLOBAL BONE GRAFT SUBSTITUTE MARKET BY TYPE, 2016 & 2027 (USD MILLION) 35
FIGURE 10 GLOBAL BONE GRAFT SUBSTITUTE MARKET BY APPLICATION, 2016 & 2027 (USD MILLION) 41
FIGURE 11 GLOBAL BONE GRAFT SUBSTITUTE MARKET BY REGION, 2016 (%) 48
FIGURE 12 AMERICAS BONE GRAFT SUBSTITUTE MARKET BY REGION, 2016 (%) 49
FIGURE 13 EUROPE BONE GRAFT SUBSTITUTE MARKET BY REGION, 2016 (%) 60
FIGURE 14 WESTERN EUROPE BONE GRAFT SUBSTITUTE MARKET BY COUNTRY, 2016 (%) 62
FIGURE 15 ASIA PACIFIC BONE GRAFT SUBSTITUTE MARKET BY COUNTRY, 2016 (%) 79
FIGURE 16 MIDDLE EAST & AFRICA BONE GRAFT SUBSTITUTE MARKET BY REGION, 2016 (%) 94
FIGURE 17 GLOBAL BONE GRAFT SUBSTITUTE MARKET: COMPANY SHARE ANALYSIS, 2016 (%) 102
FIGURE 18 BIOHORIZONS IPH, INC: SWOT ANALYSIS 107
FIGURE 19 DENTIUM CO. LTD: RECENT FINANCIALS (USD MILLION) 108
FIGURE 20 DENTIUM CO. LTD: SWOT ANALYSIS 109
FIGURE 21 DENTSPLY SIRONA: RECENT FINANCIALS 111
FIGURE 22 DENTSPLY SIRONA: GEOGRAPHIC MIX, 2016 (%) 111
FIGURE 23 DENTSPLY SIRONA: SEGMENT MIX, 2016 (%) 112
FIGURE 24 DENTSPLY SIRONA: SWOT ANALYSIS 113
FIGURE 25 INSTITUT STRAUMANN AG: RECENT FINANCIALS (USD MILLION) 114
FIGURE 26 INSTITUT STRAUMANN AG: GEOGRAPHICAL MIX, 2016 (%) 115
FIGURE 27 INSTITUT STRAUMANN AG: SWOT ANALYSIS 116
FIGURE 28 MEDTRONIC PLC: RECENT FINANCIALS (USD MILLION) 117
FIGURE 29 MEDTRONIC PLC: GEOGRAPHIC MIX, 2016 (%) 118
FIGURE 30 MEDTRONIC PLC: SEGMENT MIX, 2016 (%) 118
FIGURE 31 MEDTRONIC: SWOT ANALYSIS 120
FIGURE 32 STRYKER CORPORATION: RECENT FINANCIALS 121
FIGURE 33 STRYKER CORPORATION: GEOGRAPHIC MIX, 2016 (%) 122
FIGURE 34 STRYKER CORPORATION: SEGMENT MIX, 2016 (%) 122
FIGURE 35 STRYKER CORPORATION: ORTHOPEDIC SEGMENT MIX, 2016 (%) 122
FIGURE 36 STRYKER CORPORATION: SWOT ANALYSIS 124
FIGURE 37 ZIMMER BIOMET: RECENT FINANCIALS (USD MILLION) 125
FIGURE 38 ZIMMER BIOMET: GEOGRAPHIC MIX, 2016 (%) 126
FIGURE 39 ZIMMER BIOMET: PRODUCT/SEGMENT MIX, 2016 (%) 126
FIGURE 40 ZIMMER BIOMET: SWOT ANALYSIS 128