

Orthopaedic Implants Market by Product (Knee, Hip, Elbow, Ankle, Shoulder, Foot, Wrist), Material [Metals (Stainless Steel, Titanium Alloy, Cobalt Chromium, Nitinol) Polymers, Ceramics, Hybrid], End user (Hospitals, ASCs, Trauma) - Global Forecast To 2029

Market Report | 2024-12-03 | 260 pages | MarketsandMarkets

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## Report description:

The global orthopedic implants market is expected to reach 26.47 billion by 2029 from USD 20.94 billion in 2024, at a CAGR of 4.8% from 2024 to 2029. Increased access to various type of orthopedic implants and technological advancements such as use of 3D printing with the manufacturing process has increased demand for the orthopedic implants. Further, increased incidence of accidents and sport injuries that may result in fractures and damage to the joints has enhanced the demand for the orthopedic implants.

"The knee implants segment of type segment held the largest share of the market in 2023"

The orthopedic implants market is segmented based on type into knee implants, hip implants, shoulder implants, elbow implants, foot & ankle implants, wrist implants and other implants. The knee implants accounted for a the highest share in 2023. Increase in technological innovations, rise in number of obesity cases and the favorable reimbursement scenario for knee replacement procedures is anticipated to fuel the growth of the segment. Developments in robotic assisted knee replacement procedures that improves patient outcomes is another factor propelling the segment expansion. For example, compared to traditional surgery, the Mako Total Knee Replacement from Stryker Corporation can result in less discomfort and a shorter recovery period.

"The metals and metal alloys segment of material segment held the largest share of the market in 2023"

The orthopedic implants market can be segmented based on material into metals and metal alloys, ceramics, polymers and hybrid implants. Growing number for joint replacement surgeries such as reverse shoulder arthroplasty and unique properties

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such as longevity and resistance to corrosion drive the segment growth. Metal alloys are less expensive and more readily available than other materials. This makes them an appropriate choice for patients and other healthcare professionals especially in areas of price-sensitive markets, and is expected to fuel the segment growth.

"The ambulatory and trauma care centers segment for the end user segment is projected to register a significant CAGR during the forecast period."

The orthopedic implants market is segmented by end-users into hospitals & surgical centers and ambulatory & trauma care centers. The ambulatory and trauma care centers is projected to register significant growthduring the forecast period. According to Definitive Healthcare there is 304% increase in knee replacement procedures performed in ambulatory surgery centers during the period of 2018-2022. The cost-effectiveness and accessibility anticipated to propel the segment growth. Furthermore, reduced recovery time using minimally invasive surgical techniques is expected to support the growth of this segment.

"The market in the Asia Pacific region is expected to witness the highest growth during the forecast period."

The north america region accounted for major share in 2023. Asia pacific region to grow at the highest CAGR in orthopedic implants market. Healthcare infrastructure and service investments, in the emerging economies, are fostering the demand for orthopedic implants. Furthermore, market leaders have increased their efforts to strengthen their presence in the Asia Pacific market to meet the ever-growing requirement for orthopedic surgeries and joint replacements. According to International Osteoporosis Foundation more than 50% of osteoporotic hip fractures are expected to occur by 2050.

A breakdown of the primary participants referred to for this report is provided below:

- By Company Type: Tier 1-30%, Tier 2-42%, and Tier 3-28%
- By Designation: Director-level-10%, C-level-14%, and Others-76%
- -[By Region: North America-40%, Europe-30%, Asia Pacific-22%, Latin America-6%, and Middle East & Africa 2%

The prominent players in the orthopedic implants market are as Stryker Corporation (US), Zimmer Biomet Holdings,Inc. (US), Johnson & Johnson MedTech (US), Smith+Nephew (UK), B. Braun (Germany), Globus Medical, Inc. (US), Arthrex, Inc.(US), Enovis (US), Acumed LLC (US), Orthofix Medical Inc.(US), MicroPort Scientific Corporation (China), CONMED Corporation (US), Medacta International (Switzerland), Paragon 28, Inc. (US) and, Meril Life Sciences Pvt. Ltd. (India)

The study includes as in-depth competitive analysis of these key players in the authentication and brand protection market, with their company profiles recent developments, and key market stratergies

## Research Coverage

This report studies the orthopedic implants market based on type, material, end user, and region. It also covers the factors affecting market growth, analyzes the various opportunities and challenges in the market, and provides details of the competitive landscape for market leaders. Furthermore, the report analyzes micro markets with respect to their growth trends and forecasts the revenue of the market segments with respect to five main regions (and the respective countries in these regions). Reasons to Buy the Report

The report will help market leaders and new entrants with information on the closest approximations of the revenue numbers for the overall orthopedic implants market and the subsegments. It will also help stakeholders understand the competitive landscape and gain more insights to better position their businesses and plan suitable go-to-market strategies. The report also helps stakeholders understand the market pulse and provides information on key market drivers, restraints, challenges, and opportunities.

This report provides insights on the following pointers:

- Analysis of key drivers (increasing demand for minimally invasive orthopedic surgical procedures and rising number of sports injuries, increasing prevalence of orthopedic diseases and disorders, and increasing research funding and awareness initiatives), restraints (risk and complications associated with orthopedic surgical procedures, high costs of orthopedic surgery), opportunities

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(growth opportunities in merging markets, advancements in robotic surgery and 3D printing), and challenges (dearth of skilled orthopedic surgeons) influencing the growth of the orthopedic implants market

- Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the orthopedic implants market
- Market Development: Comprehensive information about lucrative markets-the report analyses the orthopedic implants market across varied regions.
- Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the orthopedic implants market
- Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players, such as Stryker Corporation (US), Zimmer Biomet Holdings, Inc. (US), Johnson & Johnson MedTech (US), Smith+Nephew (UK), B. Braun (Germany).

# **Table of Contents:**

- 1∏INTRODUCTION∏22
- 1.1□STUDY OBJECTIVES□22
- 1.2 MARKET DEFINITION □22
- 1.3 STUDY SCOPE 23
- 1.3.1 MARKETS COVERED AND REGIONS CONSIDERED 23
- 1.3.2 INCLUSIONS AND EXCLUSIONS 23
- 1.3.3 YEARS CONSIDERED 24
- 1.3.4 CURRENCY CONSIDERED 24
- 1.4 STAKEHOLDERS 24
- 1.5□IMPACT OF AI/GEN AI□24
- 2 RESEARCH METHODOLOGY 25
- 2.1 RESEARCH DATA 25
- 2.1.1 SECONDARY DATA 26
- 2.1.1.1 Key sources for secondary research 26
- 2.1.2 PRIMARY DATA 26
- 2.1.2.1 Key primary sources 27
- 2.1.2.2 Key industry insights 28
- 2.1.2.3 Breakdown of primary interviews 28
- 2.2 | MARKET SIZE ESTIMATION | 29
- 2.2.1□BOTTOM-UP APPROACH□31
- 2.2.1.1 Company revenue estimation approach 31
- 2.2.1.2 Customer-based market estimation 32
- 2.2.1.3 Growth forecast approach 32
- 2.2.1.4 CAGR projections 33
- 2.3 DATA TRIANGULATION 33
- 2.4 MARKET SHARE ANALYSIS 34
- 2.5 ☐ RESEARCH ASSUMPTIONS ☐ 35
- 2.5.1 PARAMETRIC ASSUMPTIONS 35
- 2.5.2 GROWTH RATE ASSUMPTIONS 35
- 2.6 RESEARCH LIMITATIONS 35
- 2.7□RISK ASSESSMENT□36
- 3∏EXECUTIVE SUMMARY∏37
- 4□PREMIUM INSIGHTS□40
- 4.1□ORTHOPEDIC IMPLANTS MARKET OVERVIEW□40

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- 4.2 NORTH AMERICA: ORTHOPEDIC IMPLANTS MARKET, BY TYPE 141
- 4.3 EUROPE: ORTHOPEDIC IMPLANTS MARKET, BY MATERIAL 41
- 4.4∏ASIA PACIFIC: ORTHOPEDIC IMPLANTS MARKET, BY END USER (USD MILLION)∏42
- 4.5 GEOGRAPHIC GROWTH OPPORTUNITIES IN ORTHOPEDIC IMPLANTS MARKET 43
- 5 MARKET OVERVIEW 44
- 5.1∏INTRODUCTION∏44
- 5.2 MARKET DYNAMICS 44
- 5.2.1 DRIVERS 45
- 5.2.1.1 Rising prevalence of orthopedic diseases and disorders 45
- 5.2.1.2 Increasing demand for minimally invasive surgery 45
- 5.2.1.3 Rising number of sports injuries 46
- 5.2.1.4 □Increasing research funding and awareness initiatives □46
- 5.2.2 | RESTRAINTS | 47
- 5.2.2.1 Risks and complications associated with orthopedic

surgical procedures 47

- 5.2.2.2 High cost of orthopedic surgery 147
- 5.2.3 OPPORTUNITIES 47
- 5.2.3.1 Advancements in robotic surgery and 3D printing 47
- 5.2.3.2 Growth opportunities in emerging markets 48
- 5.2.4∏CHALLENGES∏49
- 5.2.4.1 Dearth of skilled orthopedic surgeons 49
- 5.3 VALUE CHAIN ANALYSIS 50
- 5.3.1 RESEARCH & PRODUCT DEVELOPMENT 50
- 5.3.2 RAW MATERIAL PROCUREMENT AND MANUFACTURING 51
- 5.3.3 DISTRIBUTION, MARKETING & SALES, AND POST-SALES SERVICES 51
- 5.4 SUPPLY CHAIN ANALYSIS 52
- 5.4.1 MANUFACTURERS 52
- 5.4.1.1 Prominent companies 52
- 5.4.1.2 Small and medium-sized enterprises 52
- 5.4.2∏END USERS∏53
- 5.5 ECOSYSTEM ANALYSIS 53
- 5.6 REGULATORY LANDSCAPE 154
- 5.6.1 ⊓REGULATORY BODIES. GOVERNMENT AGENCIES.

AND OTHER ORGANIZATIONS∏54

- 5.6.2 REGULATORY ANALYSIS 57
- 5.6.2.1 North America 57
- 5.6.2.1.1∏US∏57
- 5.6.2.1.2 Canada 59
- 5.6.2.2[Europe[61
- 5.6.2.3∏Asia Pacific∏63
- 5.6.2.3.1 Japan 63
- 5.6.2.3.2 China 64
- 5.6.2.3.3∏India∏65

?

- 5.6.2.4 Latin America 66
- $5.6.2.4.1 \square Brazil \square 66$
- 5.6.3 REGULATORY APPROVALS 66

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- 5.7 REIMBURSEMENT SCENARIO 66
- 5.8 INVESTMENT AND FUNDING SCENARIO 68
- 5.9 PRICING ANALYSIS 70
- 5.9.1 □ AVERAGE SELLING PRICE, BY REGION □ 70
- 5.9.2 AVERAGE SELLING PRICE, BY KEY PLAYER 72
- 5.10 TRADE ANALYSIS 72
- 5.10.1 IMPORT DATA FOR HS CODE 9021 72
- 5.10.2 EXPORT DATA FOR HS CODE 9021 73
- 5.11 PATENT ANALYSIS 74
- 5.12 PORTER'S FIVE FORCES ANALYSIS 76
- 5.12.1 THREAT OF NEW ENTRANTS 77
- 5.12.2∏THREAT OF SUBSTITUTES∏77
- 5.12.3 BARGAINING POWER OF SUPPLIERS 77
- 5.12.4 BARGAINING POWER OF BUYERS 77
- 5.12.5 INTENSITY OF COMPETITIVE RIVALRY 77
- 5.13 KEY STAKEHOLDERS AND BUYING CRITERIA 78
- 5.13.1 KEY STAKEHOLDERS IN BUYING PROCESS 78
- 5.13.2 KEY BUYING CRITERIA 79
- 5.14 KEY CONFERENCES AND EVENTS, 2024-2025 80
- 5.15 CASE STUDY ANALYSIS 81
- 5.15.1 DIGITAL PLATFORM DESIGNED TO IMPROVE PATIENT CARE PATHWAYS 181
- 5.15.2 PARTIAL KNEE ARTHROPLASTY PERFORMED WITH ROSA

PARTIAL KNEE SYSTEM□82

- 5.15.3 ACCURATE DATA GENERATION WITH SHAPEGRABBER 3D 82
- 5.16 TECHNOLOGY ANALYSIS 82
- 5.16.1 KEY TECHNOLOGIES 82
- 5.16.1.1 D printing/additive manufacturing 82
- 5.16.2 COMPLEMENTARY TECHNOLOGIES 83
- $5.16.2.1 {\tt \square} Robotic \ orthopedic \ surgery {\tt \square} 83$
- 5.16.3 ADJACENT TECHNOLOGIES 83
- 5.16.3.1 Diagnostic imaging 83
- 5.17 TRENDS/DISRUPTIONS IMPACTING CUSTOMER'S BUSINESS 84
- 5.18⊓UNMET NEEDS⊓84
- 5.19 IMPACT OF AI/GEN AI ON ORTHOPEDIC IMPLANTS MARKET 85
- 5.19.1 KEY USE CASES 86

?

- 6∏ORTHOPEDIC IMPLANTS MARKET, BY TYPE∏88
- 6.1□INTRODUCTION□89
- 6.2 KNEE IMPLANTS 89
- 6.2.1 ONGOING INNOVATION IN KNEE IMPLANTS TO SUPPORT GROWTH 189
- 6.3∏HIP IMPLANTS∏90
- 6.3.1□RISING NUMBER OF HIP FRACTURES AND INCREASING SUCCESS RATE OF HIP ARTHROPLASTY TO SUPPORT MARKET GROWTH□90
- 6.4□SHOULDER IMPLANTS□91
- 6.4.1□LAUNCH OF NEW SHOULDER REPLACEMENT IMPLANTS AND RISING POPULARITY OF REVERSE SHOULDER ARTHROPLASTY TO SUPPORT MARKET GROWTH□91
- 6.5 ELBOW IMPLANTS 92

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6.5.1 INCREASING FREQUENCY OF ELBOW JOINT FRACTURES AND GROWTH IN ELDERLY POPULATION TO DRIVE MARKET 92

6.6 FOOT & ANKLE IMPLANTS 93

6.6.1 RISING NUMBER OF ANKLE REPLACEMENT PROCEDURES TO

FUEL MARKET GROWTH □93

6.7 WRIST IMPLANTS 94

6.7.1 GROWING NUMBER OF WRIST REPLACEMENT PROCEDURES

TO DRIVE MARKET∏94

6.8 OTHER IMPLANTS ☐ 95

7□ORTHOPEDIC IMPLANTS MARKET, BY MATERIAL □96

7.1∏INTRODUCTION∏97

7.2∏HYBRID IMPLANTS∏97

7.2.1 | IMPROVED BIOCOMPATIBILITY, BETTER MECHANICAL PERFORMANCE,

AND REDUCED RISKS OF REVISION SURGERIES TO DRIVE MARKET 197

7.3 | METALS & METAL ALLOYS | 198

7.3.1 STAINLESS STEEL 99

7.3.1.1 Growing affordability and availability of stainless steel to

drive market \ 99

7.3.2 TITANIUM ALLOYS 100

7.3.2.1 Biocompatibility and ability to withstand high stress to

propel adoption ☐100

7.3.3 OTHER METALS & METAL ALLOYS 100

7.4 POLYMERS 101

7.4.1 DESIGN FLEXIBILITY AND TUNABLE PROPERTIES OF POLYMERS

TO PROPEL GROWTH 101

7.5 CERAMICS 102

7.5.1 LOW FRICTIONAL PROPERTIES AND RESISTANCE AGAINST WEAR

TO FUEL MARKET 102

?

8 ORTHOPEDIC IMPLANTS MARKET, BY END USER 103

8.1∏INTRODUCTION∏104

8.2∏HOSPITALS & SURGICAL CENTERS∏104

8.2.1 RISING NUMBER OF ORTHOPEDIC SURGERIES TO DRIVE MARKET 104

8.3⊓AMBULATORY & TRAUMA CARE CENTERS⊓105

8.3.1 COST-EFFECTIVE TREATMENT OFFERED BY AMBULATORY CARE CENTERS TO PROPEL MARKET GROWTH 105

9□ORTHOPEDIC IMPLANTS MARKET, BY REGION□107

9.1□INTRODUCTION□108

9.2 NORTH AMERICA 108

9.2.1 MACROECONOMIC OUTLOOK FOR NORTH AMERICA 111

9.2.2\u00e4US\u00dr\u00e4112

 $9.2.2.1 \square US$  to dominate North American orthopedic implants market

during forecast period

☐112

9.2.3 CANADA 113

9.2.3.1 Rising incidence of degenerative bone diseases to

support market growth 113

9.3∏EUROPE∏114

9.3.1 MACROECONOMIC OUTLOOK FOR EUROPE 114

9.3.2 GERMANY 117

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- 9.3.2.1 Germany to account for largest market share in Europe 117
- 9.3.3 FRANCE 118
- 9.3.3.1∏Increasing obesity and significant adoption of orthopedic implants to support market growth∏118
- 9.3.4∏UK∏119
- 9.3.4.1 ⊓Increasing awareness of orthopedic conditions to drive adoption of innovative treatments 119
- 9.3.5∏ITALY∏120
- 9.3.5.1 ☐Increasing awareness of preventive care for musculoskeletal injuries to drive market ☐120
- 9.3.6 SPAIN 121
- 9.3.6.1 Growing preference for minimally invasive surgical procedures to drive market 121
- 9.3.7 REST OF EUROPE 122
- 9.4∏ASIA PACIFIC∏123
- 9.4.1 MACROECONOMIC OUTLOOK FOR ASIA PACIFIC 123
- 9.4.2∏IAPAN∏128
- 9.4.2.1 Rapidly growing geriatric population to propel market 128
- 9.4.3 CHINA 128
- 9.4.3.1 Expanding target patient population to drive market 128
- 9.4.4∏INDIA∏129
- 9.4.4.1 Increasing number of hospitals adopting robotic-assisted joint replacement surgery to support market growth 129
- 9.4.5 AUSTRALIA 130
- 9.4.5.1 Favorable government initiatives to promote market growth 130
- 9.4.6 SOUTH KOREA 131
- 9.4.6.1 Rising R&D and funding to drive market 131
- 9.4.7 REST OF ASIA PACIFIC 132
- 9.5 LATIN AMERICA 132
- 9.5.1 MACROECONOMIC OUTLOOK FOR LATIN AMERICA 133
- 9.5.2 BRAZIL 136
- 9.5.2.1 Strong presence of global players to drive market 136
- 9.5.3 MEXICO 137
- 9.5.3.1 Favorable investment scenario for medical device manufacturers to favor market growth 137
- 9.5.4 REST OF LATIN AMERICA 138
- 9.6 MIDDLE EAST & AFRICA 139
- 9.6.1 GROWING AVAILABILITY OF HIGH-QUALITY TREATMENTS TO DRIVE MARKET 139
- 9.6.2 MACROECONOMIC OUTLOOK FOR MIDDLE EAST & AFRICA 139
- 10 COMPETITIVE LANDSCAPE 143
- 10.1□OVERVIEW□143
- 10.2 KEY PLAYER STRATEGIES/RIGHT TO WIN, 2021-2024 143
- 10.2.1 OVERVIEW OF STRATEGIES ADOPTED BY PLAYERS IN
- ORTHOPEDIC IMPLANTS MARKET 144
- 10.3 REVENUE ANALYSIS, 2019?2023 147
- 10.4 MARKET SHARE ANALYSIS 148
- 10.5 COMPANY EVALUATION MATRIX: KEY PLAYERS, 2023 149
- 10.5.1 STARS 149
- 10.5.2∏EMERGING LEADERS∏149
- 10.5.3 PERVASIVE PLAYERS 150
- 10.5.4 PARTICIPANTS 150
- 10.5.5 COMPANY FOOTPRINT: KEY PLAYERS, 2023 151
- 10.5.5.1 Company footprint 151

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- 10.5.5.2 Region footprint 152
- 10.5.5.3 Type footprint 153
- 10.5.5.4 Material footprint 154
- 10.5.5.5 End-user footprint 155
- 10.6 COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2023 155
- 10.6.1 □ PROGRESSIVE COMPANIES □ 155
- 10.6.2 RESPONSIVE COMPANIES 155
- 10.6.3 DYNAMIC COMPANIES 156
- 10.6.4 STARTING BLOCKS 156
- $10.6.5 \verb||| COMPETITIVE BENCHMARKING: STARTUPS/SMES, 2023 \verb||| 157$

?

- 10.7 VALUATION & FINANCIAL METRICS 159
- 10.7.1 FINANCIAL METRICS 159
- 10.7.2 COMPANY VALUATION 160
- 10.8 BRAND/PRODUCT COMPARISON 161
- 10.9 COMPETITIVE SCENARIO 161
- 10.9.1 PRODUCT LAUNCHES & APPROVALS 161
- 10.9.2 DEALS 162
- 10.9.3 EXPANSIONS 162
- 11 COMPANY PROFILES 163
- 11.1 KEY PLAYERS 163
- 11.1.1 ZIMMER BIOMET HOLDINGS, INC. 163
- 11.1.1.1 Business overview 163
- 11.1.1.2 Products offered 164
- 11.1.1.3 Recent developments 167
- 11.1.1.3.1 Product approvals 167
- 11.1.1.3.2 Deals 167
- 11.1.1.4 MnM view 167
- 11.1.1.4.1 Key strengths 167
- 11.1.1.4.2 Strategic choices 168
- 11.1.1.4.3 Weaknesses and competitive threats 168
- 11.1.2 STRYKER CORPORATION 169
- 11.1.2.1 Business overview 169
- 11.1.2.2 Products offered 170
- 11.1.2.3 Recent developments 174
- 11.1.2.3.1 Deals 174
- 11.1.2.3.2 Expansions 174
- 11.1.2.4∏MnM view∏174
- 11.1.2.4.1 Right to win 174
- 11.1.2.4.2 Strategic choices 174
- 11.1.2.4.3 Weaknesses and competitive threats 175
- 11.1.3 JOHNSON & JOHNSON MEDTECH 176
- 11.1.3.1 Business overview 176
- 11.1.3.2 Products offered 177
- 11.1.3.3 Recent developments 179
- $11.1.3.3.1 \verb|| Product launches \& approvals \verb||| 179$
- 11.1.3.3.2 Deals 180

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```
11.1.3.4 MnM view 180
11.1.3.4.1 Right to win 180
11.1.3.4.2 Strategic choices 180
11.1.3.4.3 Weaknesses and competitive threats 180
?
11.1.4 SMITH+NEPHEW 181
11.1.4.1 Business overview 181
11.1.4.2 Products offered 182
11.1.4.3 Recent developments 184
11.1.4.3.1 Product launches & approvals 184
11.1.4.3.2 | Deals | 185
11.1.4.3.3 | Expansions | 185
11.1.5 B. BRAUN 186
11.1.5.1 Business overview 186
11.1.5.2 Products offered 187
11.1.6 GLOBUS MEDICAL, INC. □190
11.1.6.1 Business overview 190
11.1.6.2 Products offered 191
11.1.6.3 Recent developments 192
11.1.6.3.1 Product launches & approvals 192
11.1.6.3.2 Deals 193
11.1.7 ARTHREX, INC. 194
11.1.7.1 Business overview 194
11.1.7.2 Products offered 194
11.1.8 ENOVIS 200
11.1.8.1 Business overview 200
11.1.8.2 Products offered 201
11.1.8.3 Recent developments 203
11.1.8.3.1 Product launches 203
11.1.8.3.2 | Deals | 203
11.1.8.3.3 | Expansions | 204
11.1.9 ACUMED LLC 205
11.1.9.1 Business overview 205
11.1.9.2 Products offered 205
11.1.9.3 Recent developments 207
11.1.9.3.1 Product launches 207
11.1.9.3.2 Deals 208
11.1.9.3.3 Expansions 208
11.1.10 ORTHOFIX MEDICAL INC. 209
11.1.10.1 Business overview 209
11.1.10.2 Products offered 210
11.1.10.3 Recent developments 212
11.1.10.3.1 Product launches & approvals 212
11.1.10.3.2 \verb|| Deals \verb||| 212
?
11.1.11 MICROPORT SCIENTIFIC CORPORATION 213
```

### Scotts International, EU Vat number: PL 6772247784

11.1.11.1 Business overview 213

- 11.1.11.2 Products offered 214
- 11.1.11.3 Recent developments 215
- 11.1.11.3.1 Product launches 215
- 11.1.11.3.2 Deals 216
- 11.1.12□CONMED CORPORATION□217
- 11.1.12.1 Business overview 217
- 11.1.12.2 Products offered 218
- 11.1.12.3 Recent developments 219
- 11.1.12.3.1Deals219
- 11.1.13 MEDACTA INTERNATIONAL 220
- 11.1.13.1 Business overview 220
- 11.1.13.2 Products offered 221
- 11.1.13.3 Recent developments 222
- $11.1.13.3.1 \verb|| Product approvals \verb||| 222$
- 11.1.13.3.2 Deals 222
- 11.1.13.3.3 Expansions 223
- 11.1.14 PARAGON 28, INC. 224
- 11.1.14.1 Business overview 224
- 11.1.14.2 Products offered 225
- 11.1.14.3 Recent developments 227
- 11.1.14.3.1 Product launches & approvals 227
- 11.1.14.3.2Deals228
- 11.1.15 MERIL LIFE SCIENCES PVT. LTD. 229
- 11.1.15.1 Business overview 229
- 11.1.15.2 Products offered 229
- 11.1.15.3 Recent developments 231
- 11.1.15.3.1 Expansions 231
- 11.2□OTHER PLAYERS□232
- 11.2.1 FH ORTHO SAS 232
- 11.2.2 SYMBIOS ORTHOPEDIE S.A. 233
- 11.2.3 MADISON ORTHO 234
- 11.2.4 GREEN SURGICALS PVT. LTD. □236
- 11.2.5 $\square$ SIORA SURGICALS PRIVATE LIMITED $\square$ 241
- 11.2.6 ORTHOPEDIATRICS CORP. 244
- 11.2.7 RESTOR3D 245
- 11.2.8 DOUBLE MEDICAL TECHNOLOGY INC. 246
- 11.2.9 TREACE MEDICAL CONCEPTS, INC. 249
- 11.2.10 AK MEDICAL HOLDINGS LIMITED 250
- ?
- 12

  APPENDIX

  252
- 12.1 DISCUSSION GUIDE 252
- 12.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL 256
- 12.3 □ CUSTOMIZATION OPTIONS □ 258
- 12.4 RELATED REPORTS 258
- 12.5 AUTHOR DETAILS 259

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** VAT will be added a	at 23% for Polish based companies, individu	ials and EU based co		
** VAT will be added a	at 23% for Polish based companies, individu	ials and EU based co	ompanies who are unable to provide a	

Zip Code*	Country*	
	Date	2025-05-06
	Signature	