

Orthopedic Devices Market by Product (Fixation, Replacement Devices {knee, Hip, Shoulder}, Braces, Spinal Implants, Arthroscopy, Orthobiologics), Application (Fracture Treatment, Osteoarthritis), End User (Hospital, ASCs) & Region - Global Forecasts to 2028

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Abstracts

The global orthopedic devices market size is projected to reach USD 48.1 billion by 2027 from USD 36.3 billion in 2022, at a CAGR of 4.8% during the forecast period.

Worldwide prevalence of orthopedic disorders such as osteoarthritis, rheumatoid arthritis, osteoporotic fractures, rising cases of age related bone disorders such as osteoporosis in geriatric population, and growing demand for minimally invasive surgeries are propelling the demand for orthopedic devices. Moreover, strategic initiatives adopted by key manufacturers to increase their brand visibility and product awareness among key end users, rapid adoption of robotic assisted orthopedic replacement surgeries across the globe and ongoing research in orthobiologics are likely to play a significant role in propelling the growth of orthopedic devices market in the near future.

However, dearth of skilled orthopedic surgeons in many emerging nations and high cost of surgical procedures are likely to hamper the growth of the market.

“The hand and wrist segment to accounted the largest share of orthopedic devices market during the forecast period, by site “

Based on product, the orthopedic devices market is segmented into orthopedic fixation

devices, orthopedic replacement devices, orthopedic prosthetics, orthopedic braces and support products, spinal implants and surgical devices, arthroscopy instruments, ortho biologics, and bone graft substitutes. The spinal implants and surgical devices segment accounted for the largest share of the orthopedic devices market in 2021. This can be attributed to the rising cases of road traffic accidents leading to spinal cord injuries, number of spinal fusion surgeries, increasing number of players offering advanced spinal implants and emergence of new orthobiologics, are anticipated to boost the growth of segment.

“The hand and wrist segment to accounted the largest share of orthopedic devices market during the forecast period, by site “

Based on the site of injury, the orthopedic devices market has been segmented into hip and pelvis, foot and ankle, knee and thigh, hand and wrist, shoulder, arm and elbow, spine, and craniomaxillofacial. The hand and wrist segment accounted for the largest share of the orthopedic devices market in 2021. This can be attributed to the increasing incidence of hand and wrist fractures, increasing participation in sports activities leading to hand fractures, and growth in the geriatric population with osteoarthritis.

“The hospital and surgical centers segment accounted for the largest share of the global orthopedic devices market, by end users, in 2021”

Based on end users, the orthopedic devices market has been segmented into hospitals and surgical centers, orthopedic clinics, ambulatory and trauma care centers, home care settings, and other end users (including physiotherapy centers, government regulatory organizations, academic institutes, and contract research organizations). The hospitals and surgical centers segment accounted for the largest share of the orthopedic devices market in 2021. This can be attributed to the expanding patient population, increasing admission of trauma patients in hospitals, rising number of orthopedic surgeries performed in hospitals, increasing investments by governments to improve the healthcare infrastructure of hospitals and rising collaborations and partnerships among orthopedic hospitals to expand the accessibility of orthopedic treatment among patients.

“The Asia Pacific market to grow at the highest CAGR during the forecast period.”

The global orthodontic treatment market is segmented into North America, Europe, Asia Pacific, Latin America, and the Middle East & Africa. In 2021, North America accounted for the largest share of this market, followed by Europe. Asia Pacific registered the

highest growth during the forecast period. Emerging Asian economies, such as China, India, are likely to provide high orthopedic devices market growth opportunities. Rising medical tourism, improved healthcare infrastructure, increasing healthcare expenditures, emergence of small players offering wide range of orthopedic devices, and rising number of hospitals and orthopedic clinics in the region is likely to support the rapid market growth of Asia Pacific during the forecast period.

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

By Company Type: Tier 1–48%, Tier 2–36%, and Tier 3– 16%

By Designation: C-level–10%, Director-level–14%, and Others–76%

By Region: North America–40%, Europe–32%, Asia Pacific–20%, Latin America–5%, and the Middle East & Africa–3%

The major players operating in the orthopedic devices market are Stryker Corporation (US), Johnson & Johnson (US), Smith & Nephew (UK), Medtronic plc (Ireland), Zimmer Biomet (US), B. Braun (Germany), Enovis (US), NuVasive (US), Acumed LLC (US), BSN Medical (Germany), CONMED Corporation (US), Orthofix Medical Inc. (US), Arthrex (US), Allegra Orthopaedics (Australia), DeRoyal Industries (US), MicroPort (China), Nippon Sigmex Co., Ltd. (Japan), TriMed Inc. (US), Altis Biologics (South Africa), Isto Biologics (US), ITS (Austria), Meril Life Sciences Pvt. Ltd. (India), Mueller Sports Medicine, Inc. (US), RCH Orthopaedics (India), and FLA Orthopedics (US)

Research Coverage

This report studies the orthopedic devices market based on the product, application, distribution challenge, and region. The report also studies factors (such as drivers, restraints, opportunities, and challenges) affecting market growth and provides details of the competitive landscape for market leaders. Furthermore, the report analyzes micromarkets with respect to their individual growth trends and forecasts the revenue of the market segments with respect to five major regions (and the respective countries in these regions).

Key Benefits of Buying the Report

This report focuses on various levels of analysis—industry trends, market share of top

players, and company profiles, which together form basic views and analyze the competitive landscape, emerging segments of the orthopedic devices market, and high-growth regions and their drivers, restraints, opportunities, and challenges. The report will help both established firms as well as new entrants/smaller firms to gauge the pulse of the market and garner greater market shares.

Contents

1 INTRODUCTION

- 1.1 STUDY OBJECTIVES
- 1.2 MARKET DEFINITION
 - 1.2.1 INCLUSIONS AND EXCLUSIONS
- 1.3 STUDY SCOPE
 - 1.3.1 MARKETS COVERED
 - 1.3.2 GEOGRAPHIC SCOPE
 - 1.3.3 YEARS CONSIDERED
- 1.4 CURRENCY
- 1.5 MAJOR MARKET STAKEHOLDERS
- 1.6 SUMMARY OF CHANGES
- 1.7 RECESSION IMPACT

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - FIGURE 1 RESEARCH DESIGN
 - 2.1.1 SECONDARY DATA
 - 2.1.2 PRIMARY RESEARCH
 - 2.1.2.1 Key data from primary sources
 - FIGURE 2 BREAKDOWN OF PRIMARY INTERVIEWS: SUPPLY-SIDE AND DEMAND-SIDE PARTICIPANTS
 - FIGURE 3 BREAKDOWN OF PRIMARIES: GLOBAL ORTHOPEDIC DEVICES MARKET
- 2.2 MARKET SIZE ESTIMATION
 - FIGURE 4 RESEARCH METHODOLOGY: HYPOTHESIS BUILDING
 - 2.2.1 REVENUE MAPPING-BASED MARKET ESTIMATION
 - 2.2.2 END USER-BASED MARKET ESTIMATION
 - FIGURE 5 MARKET SIZE ESTIMATION: ORTHOPEDIC DEVICES MARKET
 - 2.2.3 PRIMARY RESEARCH VALIDATION
- 2.3 DATA TRIANGULATION
 - FIGURE 6 DATA TRIANGULATION METHODOLOGY
- 2.4 RESEARCH ASSUMPTIONS AND LIMITATIONS
 - 2.4.1 RESEARCH ASSUMPTIONS
 - 2.4.2 RESEARCH LIMITATIONS
- 2.5 RECESSION IMPACT

TABLE 1 GLOBAL INFLATION RATE PROJECTIONS, 2021–2027 (% GROWTH)

3 EXECUTIVE SUMMARY

FIGURE 7 ORTHOPEDIC DEVICES MARKET, BY PRODUCT, 2022 VS. 2028 (USD MILLION)

FIGURE 8 ORTHOPEDIC DEVICES MARKET, BY SITE, 2022 VS. 2028 (USD MILLION)

FIGURE 9 ORTHOPEDIC DEVICES MARKET, BY END USER, 2022 VS. 2028 (USD MILLION)

FIGURE 10 GEOGRAPHICAL SNAPSHOT OF ORTHOPEDIC DEVICES MARKET

4 PREMIUM INSIGHTS

4.1 ORTHOPEDIC DEVICES MARKET OVERVIEW

FIGURE 11 RISING PREVALENCE OF ORTHOPEDIC DISORDERS TO DRIVE MARKET

4.2 ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY TYPE, 2022 VS. 2028 (USD MILLION)

FIGURE 12 KNEE REPLACEMENT DEVICES SEGMENT TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD

4.3 ORTHOPEDIC DEVICES MARKET SHARE, BY END USER, 2022 VS. 2028

FIGURE 13 HOSPITALS AND SURGICAL CENTERS SEGMENT WILL CONTINUE TO DOMINATE MARKET IN 2028

4.4 ORTHOPEDIC DEVICES MARKET: GEOGRAPHIC GROWTH OPPORTUNITIES

FIGURE 14 INDIA TO WITNESS HIGHEST GROWTH IN FORECAST PERIOD

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 15 ORTHOPEDIC DEVICES MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

5.2.1 DRIVERS

5.2.1.1 Increasing prevalence of orthopedic diseases and disorders

5.2.1.2 Growing demand for minimally invasive orthopedic surgical procedures

5.2.1.3 Rising number of sports and accident-related orthopedic injuries

5.2.1.4 Increasing geriatric population

5.2.1.5 Increasing research funding and initiatives adopted by orthopedic

manufacturers to promote brand awareness

TABLE 2 RECENT FUNDING FOR R&D IN ORTHOPEDIC DEVICES

5.2.2 RESTRAINTS

5.2.2.1 Risks and complications associated with orthopedic surgical procedures

5.2.2.2 High costs associated with orthopedic treatments

5.2.3 OPPORTUNITIES

5.2.3.1 Growth opportunities offered by emerging markets

5.2.3.2 Rising number of hospitals and shift toward outpatient care

FIGURE 16 US: JOINT REPLACEMENT PROCEDURES PERFORMED IN AMBULATORY SURGERY CENTERS BETWEEN 2019 AND 2021

5.2.3.3 Increasing use of robotics and 3D printing in orthopedics

5.2.4 CHALLENGES

5.2.4.1 Dearth of orthopedic surgeons

5.2.5 KEY REGULATORY BODIES AND GOVERNMENT AGENCIES

5.2.6 KEY REGULATORY GUIDELINES

5.2.7 NORTH AMERICA

5.2.7.1 US

TABLE 3 US FDA: MEDICAL DEVICE CLASSIFICATION

TABLE 4 US: MEDICAL DEVICE REGULATORY APPROVAL PROCESS

5.2.7.2 Canada

TABLE 5 CANADA: MEDICAL DEVICE REGULATORY APPROVAL PROCESS

5.2.8 EUROPE

5.2.9 ASIA PACIFIC

5.2.9.1 Japan

TABLE 6 JAPAN: MEDICAL DEVICE CLASSIFICATION UNDER PMDA

5.2.9.2 China

TABLE 7 CHINA: CLASSIFICATION OF MEDICAL DEVICES

5.2.9.3 India

5.3 PRICING TREND ANALYSIS

5.3.1 AVERAGE SELLING PRICE OF ORTHOPEDIC DEVICES, BY KEY PLAYER, 2021 (USD)

5.3.2 ORTHOBIOLOGICS: AVERAGE SELLING PRICE, BY COUNTRY, 2021 (USD)

5.4 REIMBURSEMENT SCENARIO

TABLE 8 REIMBURSEMENT CODES FOR VARIOUS PROCEDURES AS OF 2021

5.5 PORTER'S FIVE FORCES ANALYSIS

5.5.1 OVERVIEW

TABLE 9 ORTHOPEDIC DEVICES MARKET: PORTER'S FIVE FORCES ANALYSIS

5.5.2 THREAT OF NEW ENTRANTS

5.5.3 THREAT OF SUBSTITUTES

5.5.4 BARGAINING POWER OF SUPPLIERS

5.5.5 BARGAINING POWER OF BUYERS

5.5.6 INTENSITY OF COMPETITIVE RIVALRY

5.6 VALUE CHAIN ANALYSIS

5.6.1 RESEARCH AND DEVELOPMENT

5.6.2 PROCUREMENT AND PRODUCT DEVELOPMENT

5.6.3 MARKETING, SALES AND DISTRIBUTION, AND POST-SALES SERVICES

FIGURE 17 VALUE CHAIN ANALYSIS—MAXIMUM VALUE ADDED DURING
MANUFACTURING PHASE

5.7 SUPPLY CHAIN ANALYSIS

5.7.1 PROMINENT COMPANIES

5.7.2 SMALL AND MEDIUM-SIZED ENTERPRISES

5.7.3 END USERS

FIGURE 18 ORTHOPEDIC DEVICES MARKET: SUPPLY CHAIN ANALYSIS

5.8 TRADE ANALYSIS FOR ORTHOPEDIC DEVICES

TABLE 10 EXPORT DATA FOR ORTHOPEDIC OR FRACTURE APPLIANCES, BY
COUNTRY, 2017–2021 (USD THOUSAND)

TABLE 11 IMPORT DATA FOR ELECTRON ORTHOPEDIC OR FRACTURE
APPLIANCES, BY COUNTRY, 2017–2021 (USD THOUSAND)

5.9 PATENT ANALYSIS

FIGURE 19 TOP PATENT APPLICANTS FOR ORTHOPEDIC DEVICES, JANUARY
2012–JANUARY 2023

5.10 ECOSYSTEM COVERAGE

FIGURE 20 ORTHOPEDIC DEVICES MARKET: ECOSYSTEM ANALYSIS

5.11 CASE STUDY

5.11.1 ATHLETE'S TORN MENISCUS HEALED WITH PLATELET-RICH PLASMA
(PRP)

TABLE 12 CASE STUDY: APPLICATION OF PLATELET-RICH PLASMA (PRP) TO
MENISCUS REPAIR

5.12 KEY CONFERENCES AND EVENTS IN 2022–2023

TABLE 13 ORTHOPEDIC DEVICES MARKET: DETAILED LIST OF CONFERENCES
AND EVENTS

5.13 TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS

5.14 STAKEHOLDERS AND BUYING CRITERIA

5.14.1 KEY STAKEHOLDERS

FIGURE 21 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR
ORTHOPEDIC DEVICES

TABLE 14 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR KEY
PRODUCT SEGMENTS (%)

5.14.2 KEY BUYING CRITERIA

FIGURE 22 KEY BUYING CRITERIA FOR ORTHOPEDIC DEVICES

TABLE 15 KEY BUYING CRITERIA FOR ORTHOPEDIC DEVICES

6 ORTHOPEDIC DEVICES MARKET, BY PRODUCT

6.1 INTRODUCTION

TABLE 16 ORTHOPEDIC DEVICES MARKET, BY PRODUCT, 2020–2028 (USD MILLION)

6.2 ORTHOPEDIC FIXATION DEVICES

TABLE 17 ORTHOPEDIC FIXATION DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 18 ORTHOPEDIC FIXATION DEVICES MARKET, BY REGION, 2020–2028 (USD MILLION)

TABLE 19 ORTHOPEDIC FIXATION DEVICES MARKET, BY SITE, 2020–2028 (USD MILLION)

TABLE 20 ORTHOPEDIC FIXATION DEVICES MARKET, BY APPLICATION, 2020–2028 (USD MILLION)

TABLE 21 ORTHOPEDIC FIXATION DEVICES MARKET, BY END USER, 2020–2028 (USD MILLION)

6.2.1 INTERNAL FIXATION DEVICES

6.2.1.1 Reduces incidence of malunion or nonunion of injured bones

TABLE 22 INTERNAL FIXATION DEVICES MARKET, BY REGION, 2020–2028 (USD MILLION)

6.2.2 EXTERNAL FIXATION DEVICES

6.2.2.1 Increasing incidence of upper and lower-extremity injuries to drive market

TABLE 23 EXTERNAL FIXATION DEVICES MARKET, BY REGION, 2020–2028 (USD MILLION)

6.3 ORTHOPEDIC REPLACEMENT DEVICES

TABLE 24 ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 25 ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY REGION, 2020–2028 (USD MILLION)

TABLE 26 ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY SITE, 2020–2028 (USD MILLION)

TABLE 27 ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY APPLICATION, 2020–2028 (USD MILLION)

TABLE 28 ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY END USER, 2020–2028 (USD MILLION)

6.3.1 ANKLE REPLACEMENT DEVICES

6.3.1.1 Growing number of ankle replacement procedures to fuel market growth

TABLE 29 ANKLE REPLACEMENT DEVICES MARKET, BY REGION, 2020–2028
(USD MILLION)

6.3.2 HIP REPLACEMENT DEVICES

6.3.2.1 Rising number of hip fractures and increasing success rate of hip arthroplasty to support market growth

TABLE 30 HIP REPLACEMENT DEVICES MARKET, BY REGION, 2020–2028 (USD MILLION)

6.3.3 KNEE REPLACEMENT DEVICES

6.3.3.1 Ongoing innovation in knee implants to support growth

TABLE 31 KNEE REPLACEMENT DEVICES MARKET, BY REGION, 2020–2028 (USD MILLION)

6.3.4 SHOULDER REPLACEMENT DEVICES

6.3.4.1 Launch of new shoulder replacement implants and rising popularity of reverse shoulder arthroplasty to support market growth

TABLE 32 SHOULDER REPLACEMENT DEVICES MARKET, BY REGION, 2020–2028 (USD MILLION)

6.3.5 ELBOW REPLACEMENT DEVICES

6.3.5.1 Increasing frequency of elbow joint fractures and growth in elderly population to drive market

TABLE 33 ELBOW REPLACEMENT DEVICES MARKET, BY REGION, 2020–2028 (USD MILLION)

6.3.6 WRIST REPLACEMENT DEVICES

6.3.6.1 FDA approvals of new wrist replacement devices to support market growth

TABLE 34 WRIST REPLACEMENT DEVICES MARKET, BY REGION, 2020–2028 (USD MILLION)

6.4 ORTHOPEDIC PROSTHETICS

TABLE 35 ORTHOPEDIC PROSTHETICS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 36 ORTHOPEDIC PROSTHETICS MARKET, BY REGION, 2020–2028 (USD MILLION)

TABLE 37 ORTHOPEDIC PROSTHETICS MARKET, BY SITE, 2020–2028 (USD MILLION)

TABLE 38 ORTHOPEDIC PROSTHETICS MARKET, BY APPLICATION, 2020–2028 (USD MILLION)

TABLE 39 ORTHOPEDIC PROSTHETICS MARKET, BY END USER, 2020–2028 (USD MILLION)

6.4.1 SOLID ANKLE CUSHION HEEL PROSTHESES

6.4.1.1 Inexpensive, durable, and virtually maintenance-free properties to boost adoption

TABLE 40 SOLID ANKLE CUSHION HEEL PROSTHESES MARKET, BY REGION, 2020–2028 (USD MILLION)

6.4.2 SINGLE-AXIAL PROSTHESES

6.4.2.1 Requirement for periodic servicing to limit adoption

TABLE 41 SINGLE-AXIAL PROSTHESES MARKET, BY REGION, 2020–2028 (USD MILLION)

6.4.3 MULTI-AXIAL PROSTHESES

6.4.3.1 High cost of multi-axial prostheses to limit market growth

TABLE 42 MULTI-AXIAL PROSTHESES MARKET, BY REGION, 2020–2028 (USD MILLION)

6.4.4 DYNAMIC RESPONSE PROSTHESES

6.4.4.1 Increasing acquisitions among players to drive market

TABLE 43 DYNAMIC RESPONSE PROSTHESES MARKET, BY REGION, 2020–2028 (USD MILLION)

6.4.5 MICROPROCESSOR-CONTROLLED PROSTHESES

6.4.5.1 Higher stability and motion offered by microprocessor-controlled prostheses to support market growth

TABLE 44 MICROPROCESSOR-CONTROLLED PROSTHESES MARKET, BY REGION, 2020–2028 (USD MILLION)

6.5 ORTHOPEDIC BRACES AND SUPPORT PRODUCTS

TABLE 45 ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 46 ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY REGION, 2020–2028 (USD MILLION)

TABLE 47 ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY SITE, 2020–2028 (USD MILLION)

TABLE 48 ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY APPLICATION, 2020–2028 (USD MILLION)

TABLE 49 ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY END USER, 2020–2028 (USD MILLION)

6.5.1 KNEE BRACES AND SUPPORT PRODUCTS

6.5.1.1 Favorable reimbursement scenario in developed countries to support market growth

TABLE 50 KNEE BRACES AND SUPPORT PRODUCTS MARKET, BY REGION, 2020–2028 (USD MILLION)

6.5.2 ANKLE BRACES AND SUPPORT PRODUCTS

6.5.2.1 Recommended by physicians for prophylactic use among sportspersons

owing to clinical benefits

TABLE 51 ANKLE BRACES AND SUPPORT PRODUCTS MARKET, BY REGION, 2020–2028 (USD MILLION)

6.5.3 FOOT WALKERS AND ORTHOSES

6.5.3.1 Rapidly growing diabetic population and subsequent rise in prevalence of foot problems to drive market

TABLE 52 FOOT WALKERS AND ORTHOSES MARKET, BY REGION, 2020–2028 (USD MILLION)

6.5.4 BACK, HIP, AND SPINE BRACES AND SUPPORT PRODUCTS

6.5.4.1 Rising incidence of lower spine disorders to propel market

TABLE 53 BACK, HIP, AND SPINE BRACES AND SUPPORT PRODUCTS MARKET, BY REGION, 2020–2028 (USD MILLION)

6.5.5 SHOULDER BRACES AND SUPPORT PRODUCTS

6.5.5.1 Rising prevalence of shoulder arthritis to support market growth

TABLE 54 SHOULDER BRACES AND SUPPORT PRODUCTS MARKET, BY REGION, 2020–2028 (USD MILLION)

6.5.6 ELBOW BRACES AND SUPPORT PRODUCTS

6.5.6.1 Rising prevalence of elbow-related osteoarthritis to drive adoption

TABLE 55 ELBOW BRACES AND SUPPORT PRODUCTS MARKET, BY REGION, 2020–2028 (USD MILLION)

6.5.7 HAND AND WRIST BRACES AND SUPPORT PRODUCTS

6.5.7.1 Increasing incidence of hand and wrist injuries to drive market

TABLE 56 HAND AND WRIST BRACES AND SUPPORT PRODUCTS MARKET, BY REGION, 2020–2028 (USD MILLION)

6.5.8 FACIAL BRACES AND SUPPORT PRODUCTS

6.5.8.1 Rising number of plastic surgeries to propel market

TABLE 57 FACIAL BRACES AND SUPPORT PRODUCTS MARKET, BY REGION, 2020–2028 (USD MILLION)

6.6 SPINAL IMPLANTS AND SURGICAL DEVICES

TABLE 58 SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 59 SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY REGION, 2020–2028 (USD MILLION)

TABLE 60 SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY SITE, 2020–2028 (USD MILLION)

TABLE 61 SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY APPLICATION, 2020–2028 (USD MILLION)

TABLE 62 SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY END USER, 2020–2028 (USD MILLION)

6.6.1 SPINAL FUSION DEVICES

6.6.1.1 Advantages offered by anterior thoracic fusion and anterior lumbar fusion to support market growth

TABLE 63 SPINAL FUSION DEVICES MARKET, BY REGION, 2020–2028 (USD MILLION)

6.6.2 SPINAL NON-FUSION DEVICES

6.6.2.1 Increasing incidence of degenerative diseases in younger population to drive market

TABLE 64 SPINAL NON-FUSION DEVICES MARKET, BY REGION, 2020–2028 (USD MILLION)

6.7 ARTHROSCOPY INSTRUMENTS

6.7.1 INCREASE IN ARTHROSCOPY TREATMENT PROCEDURES TO SUPPORT MARKET GROWTH

TABLE 65 ARTHROSCOPY INSTRUMENTS MARKET, BY REGION, 2020–2028 (USD MILLION)

TABLE 66 ARTHROSCOPY INSTRUMENTS MARKET, BY SITE, 2020–2028 (USD MILLION)

TABLE 67 ARTHROSCOPY INSTRUMENTS MARKET, BY APPLICATION, 2020–2028 (USD MILLION)

TABLE 68 ARTHROSCOPY INSTRUMENTS MARKET, BY END USER, 2020–2028 (USD MILLION)

6.8 ORTHOBIOLOGICS

6.8.1 EMERGENCE OF NOVEL ORTHOBIOLOGICS TO SUPPORT MARKET GROWTH

TABLE 69 ORTHOBIOLOGICS MARKET, BY REGION, 2020–2028 (USD MILLION)

TABLE 70 ORTHOBIOLOGICS MARKET, BY SITE, 2020–2028 (USD MILLION)

TABLE 71 ORTHOBIOLOGICS MARKET, BY APPLICATION, 2020–2028 (USD MILLION)

TABLE 72 ORTHOBIOLOGICS MARKET, BY END USER, 2020–2028 (USD MILLION)

6.9 BONE GRAFT SUBSTITUTES

6.9.1 COST-EFFECTIVE AND EASY AVAILABILITY OF BONE GRAFT SUBSTITUTES TO PROPEL MARKET

TABLE 73 BONE GRAFT SUBSTITUTES MARKET, BY REGION, 2020–2028 (USD MILLION)

TABLE 74 BONE GRAFT SUBSTITUTES MARKET, BY SITE, 2020–2028 (USD MILLION)

TABLE 75 BONE GRAFT SUBSTITUTES MARKET, BY APPLICATION, 2020–2028 (USD MILLION)

TABLE 76 BONE GRAFT SUBSTITUTES MARKET, BY END USER, 2020–2028 (USD

MILLION)

7 ORTHOPEDIC DEVICES MARKET, BY SITE

7.1 INTRODUCTION

TABLE 77 ORTHOPEDIC DEVICES MARKET, BY SITE, 2020–2028 (USD MILLION)

7.2 HAND AND WRIST

7.2.1 RISING CASES OF RADIUS AND ULNA FRACTURES TO SUPPORT MARKET GROWTH

TABLE 78 ORTHOPEDIC DEVICES MARKET FOR HAND AND WRIST, BY REGION, 2020–2028 (USD MILLION)

7.3 SPINE

7.3.1 TECHNOLOGICAL INNOVATIONS IN SPINAL IMPLANTS AND HIGHER INCIDENCE OF SPINAL SURGERY TO FUEL MARKET GROWTH

TABLE 79 ORTHOPEDIC DEVICES MARKET FOR SPINE, BY REGION, 2020–2028 (USD MILLION)

7.4 FOOT AND ANKLE

7.4.1 FAVORABLE REIMBURSEMENT FOR FOOT RECONSTRUCTION DEVICES TO DRIVE MARKET

TABLE 80 TYPES OF FOOT AND ANKLE INJURIES IN VARIOUS SPORTS

TABLE 81 ORTHOPEDIC DEVICES MARKET FOR FOOT AND ANKLE, BY REGION, 2020–2028 (USD MILLION)

7.5 ARM AND ELBOW

7.5.1 INCREASING INCIDENCE OF ARM FRACTURES TO ACCELERATE DEMAND FOR ORTHOPEDIC DEVICES

TABLE 82 ORTHOPEDIC DEVICES MARKET FOR ARM AND ELBOW, BY REGION, 2020–2028 (USD MILLION)

7.6 HIP AND PELVIS

7.6.1 RISING NUMBER OF PATIENTS UNDERGOING HIP REPLACEMENT SURGERY TO SUPPORT GROWTH

TABLE 83 ORTHOPEDIC DEVICES MARKET FOR HIP AND PELVIS, BY REGION, 2020–2028 (USD MILLION)

7.7 KNEE AND THIGH

7.7.1 HIGH INCIDENCE OF KNEE FRACTURES IN SPORTS ATHLETES TO DRIVE MARKET

TABLE 84 ORTHOPEDIC DEVICES MARKET FOR KNEE AND THIGH, BY REGION, 2020–2028 (USD MILLION)

7.8 CRANIOMAXILLOFACIAL

7.8.1 GROWING AWARENESS OF CRANIOMAXILLOFACIAL RECONSTRUCTIVE

SURGERY TO PROPEL MARKET

TABLE 85 ORTHOPEDIC DEVICES MARKET FOR CRANIOMAXILLOFACIAL, BY REGION, 2020–2028 (USD MILLION)

7.9 SHOULDER

7.9.1 INCREASING INCIDENCE OF SHOULDER INJURIES TO DRIVE MARKET

TABLE 86 ORTHOPEDIC DEVICES MARKET FOR SHOULDER, BY REGION, 2020–2028 (USD MILLION)

8 ORTHOPEDIC DEVICES MARKET, BY APPLICATION

8.1 INTRODUCTION

TABLE 87 ORTHOPEDIC DEVICES MARKET, BY APPLICATION, 2020–2028 (USD MILLION)

8.2 SPINAL FUSION, FIXATION, AND DECOMPRESSION

8.2.1 INCREASING NUMBER OF SPINAL FUSION SURGERIES TO SUPPORT MARKET GROWTH

TABLE 88 ORTHOPEDIC DEVICES MARKET FOR SPINAL FUSION, FIXATION, AND DECOMPRESSION, BY REGION, 2020–2028 (USD MILLION)

8.3 FRACTURE TREATMENT AND RECOVERY

8.3.1 GROWING INCIDENCE OF FRACTURES TO FUEL DEMAND FOR ORTHOPEDIC DEVICES

TABLE 89 ORTHOPEDIC DEVICES MARKET FOR FRACTURE TREATMENT AND RECOVERY, BY REGION, 2020–2028 (USD MILLION)

8.4 RHEUMATOID ARTHRITIS AND OSTEOARTHRITIS

8.4.1 RISING POOL OF RHEUMATOID ARTHRITIS AND OSTEOARTHRITIS PATIENTS TO DRIVE MARKET

TABLE 90 ORTHOPEDIC DEVICES MARKET FOR RHEUMATOID ARTHRITIS AND OSTEOARTHRITIS, BY REGION, 2020–2028 (USD MILLION)

8.5 LIGAMENT INJURIES

8.5.1 INCREASING PARTICIPATION IN SPORTS AND PHYSICAL ACTIVITIES TO SUPPORT MARKET GROWTH

TABLE 91 ORTHOPEDIC DEVICES MARKET FOR LIGAMENT INJURIES, BY REGION, 2020–2028 (USD MILLION)

8.6 DIABETIC FOOT DISEASES

8.6.1 GROWING PREVALENCE OF DIABETIC FOOT ULCERS TO FUEL MARKET GROWTH

TABLE 92 ORTHOPEDIC DEVICES MARKET FOR DIABETIC FOOT DISEASES, BY REGION, 2020–2028 (USD MILLION)

8.7 NEUROLOGICAL DISORDERS

8.7.1 RISING INCIDENCE OF NEUROLOGICAL DISORDERS TO DRIVE MARKET
TABLE 93 ORTHOPEDIC DEVICES MARKET FOR NEUROLOGICAL DISORDERS,
BY REGION, 2020–2028 (USD MILLION)

9 ORTHOPEDIC DEVICES MARKET, BY END USER

9.1 INTRODUCTION

TABLE 94 ORTHOPEDIC DEVICES MARKET, BY END USER, 2020–2028 (USD
MILLION)

9.2 HOSPITALS AND SURGICAL CENTERS

9.2.1 RISING NUMBER OF ORTHOPEDIC SURGERIES TO DRIVE MARKET
TABLE 95 ORTHOPEDIC DEVICES MARKET FOR HOSPITALS AND SURGICAL
CENTERS, BY REGION, 2020–2028 (USD MILLION)

9.3 AMBULATORY AND TRAUMA CARE CENTERS

9.3.1 COST-EFFECTIVE TREATMENT OFFERED BY AMBULATORY CARE
CENTERS TO PROPEL MARKET GROWTH
TABLE 96 ORTHOPEDIC DEVICES MARKET FOR AMBULATORY AND TRAUMA
CARE CENTERS, BY REGION, 2020–2028 (USD MILLION)

9.4 ORTHOPEDIC CLINICS

9.4.1 RISING NUMBER OF ORTHOPEDIC CLINICS TO SUPPORT MARKET
GROWTH
TABLE 97 ORTHOPEDIC DEVICES MARKET FOR ORTHOPEDIC CLINICS, BY
REGION, 2020–2028 (USD MILLION)

9.5 HOME CARE SETTINGS

9.5.1 FOCUS ON REDUCING HEALTHCARE COSTS AND GOVERNMENT
INITIATIVES TO PROMOTE HOME HEALTHCARE TO PROPEL MARKET
TABLE 98 ORTHOPEDIC DEVICES MARKET FOR HOME CARE SETTINGS, BY
REGION, 2020–2028 (USD MILLION)

9.6 OTHER END USERS

TABLE 99 ORTHOPEDIC DEVICES MARKET FOR OTHER END USERS, BY
REGION, 2020–2028 (USD MILLION)

10 ORTHOPEDIC DEVICES MARKET, BY REGION

10.1 INTRODUCTION

TABLE 100 ORTHOPEDIC DEVICES MARKET, BY REGION, 2020–2028 (USD
MILLION)

10.2 NORTH AMERICA

FIGURE 23 NORTH AMERICA: ORTHOPEDIC DEVICES MARKET SNAPSHOT

TABLE 101 NORTH AMERICA: ORTHOPEDIC DEVICES MARKET, BY COUNTRY, 2020–2028 (USD MILLION)

TABLE 102 NORTH AMERICA: ORTHOPEDIC DEVICES MARKET, BY PRODUCT, 2020–2028 (USD MILLION)

TABLE 103 NORTH AMERICA: ORTHOPEDIC FIXATION DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 104 NORTH AMERICA: ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 105 NORTH AMERICA: ORTHOPEDIC PROSTHETICS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 106 NORTH AMERICA: ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 107 NORTH AMERICA: SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 108 NORTH AMERICA: ORTHOPEDIC DEVICES MARKET, BY SITE, 2020–2028 (USD MILLION)

TABLE 109 NORTH AMERICA: ORTHOPEDIC DEVICES MARKET, BY APPLICATION, 2020–2028 (USD MILLION)

TABLE 110 NORTH AMERICA: ORTHOPEDIC DEVICES MARKET, BY END USER, 2020–2028 (USD MILLION)

10.2.1 US

10.2.1.1 Rising number of sports-related injuries to drive market

TABLE 111 US: ORTHOPEDIC DEVICES MARKET, BY PRODUCT, 2020–2028 (USD MILLION)

TABLE 112 US: ORTHOPEDIC FIXATION DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 113 US: ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 114 US: ORTHOPEDIC PROSTHETICS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 115 US: ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 116 US: SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

10.2.2 CANADA

10.2.2.1 Rising incidence of degenerative bone diseases to support market growth

TABLE 117 CANADA: ORTHOPEDIC DEVICES MARKET, BY PRODUCT, 2020–2028 (USD MILLION)

TABLE 118 CANADA: ORTHOPEDIC FIXATION DEVICES MARKET, BY TYPE,

2020–2028 (USD MILLION)

TABLE 119 CANADA: ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 120 CANADA: ORTHOPEDIC PROSTHETICS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 121 CANADA: ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 122 CANADA: SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

10.3 EUROPE

TABLE 123 EUROPE: ORTHOPEDIC DEVICES MARKET, BY COUNTRY, 2020–2028 (USD MILLION)

TABLE 124 EUROPE: ORTHOPEDIC DEVICES MARKET, BY PRODUCT, 2020–2028 (USD MILLION)

TABLE 125 EUROPE: ORTHOPEDIC FIXATION DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 126 EUROPE: ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 127 EUROPE: ORTHOPEDIC PROSTHETICS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 128 EUROPE: ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 129 EUROPE: SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 130 EUROPE: ORTHOPEDIC DEVICES MARKET, BY SITE, 2020–2028 (USD MILLION)

TABLE 131 EUROPE: ORTHOPEDIC DEVICES MARKET, BY APPLICATION, 2020–2028 (USD MILLION)

TABLE 132 EUROPE: ORTHOPEDIC DEVICES MARKET, BY END USER, 2020–2028 (USD MILLION)

10.3.1 GERMANY

10.3.1.1 Largest market for orthopedic devices in Europe

TABLE 133 GERMANY: ORTHOPEDIC DEVICES MARKET, BY PRODUCT, 2020–2028 (USD MILLION)

TABLE 134 GERMANY: ORTHOPEDIC FIXATION DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 135 GERMANY: ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 136 GERMANY: ORTHOPEDIC PROSTHETICS MARKET, BY TYPE,

2020–2028 (USD MILLION)

TABLE 137 GERMANY: ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 138 GERMANY: SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

10.3.2 UK

10.3.2.1 Increasing number of conferences to boost awareness about various orthopedic conditions and innovative treatments

TABLE 139 UK: ORTHOPEDIC DEVICES MARKET, BY PRODUCT, 2020–2028 (USD MILLION)

TABLE 140 UK: ORTHOPEDIC FIXATION DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 141 UK: ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 142 UK: ORTHOPEDIC PROSTHETICS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 143 UK: ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 144 UK: SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

10.3.3 FRANCE

10.3.3.1 High adoption of foot orthotics by diabetic patients to support market growth

TABLE 145 FRANCE: ORTHOPEDIC DEVICES MARKET, BY PRODUCT, 2020–2028 (USD MILLION)

TABLE 146 FRANCE: ORTHOPEDIC FIXATION DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 147 FRANCE: ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 148 FRANCE: ORTHOPEDIC PROSTHETICS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 149 FRANCE: ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 150 FRANCE: SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

10.3.4 ITALY

10.3.4.1 Increasing awareness about preventive care for musculoskeletal injuries to drive market

TABLE 151 ITALY: ORTHOPEDIC DEVICES MARKET, BY PRODUCT, 2020–2028 (USD MILLION)

TABLE 152 ITALY: ORTHOPEDIC FIXATION DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 153 ITALY: ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 154 ITALY: ORTHOPEDIC PROSTHETICS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 155 ITALY: ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 156 ITALY: SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

10.3.5 SPAIN

10.3.5.1 Growing preference for minimally invasive surgical procedures to drive market

TABLE 157 SPAIN: ORTHOPEDIC DEVICES MARKET, BY PRODUCT, 2020–2028 (USD MILLION)

TABLE 158 SPAIN: ORTHOPEDIC FIXATION DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 159 SPAIN: ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 160 SPAIN: ORTHOPEDIC PROSTHETICS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 161 SPAIN: ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 162 SPAIN: SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

10.3.6 REST OF EUROPE

TABLE 163 REST OF EUROPE: ORTHOPEDIC DEVICES MARKET, BY PRODUCT, 2020–2028 (USD MILLION)

TABLE 164 REST OF EUROPE: ORTHOPEDIC FIXATION DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 165 REST OF EUROPE: ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 166 REST OF EUROPE: ORTHOPEDIC PROSTHETICS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 167 REST OF EUROPE: ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 168 REST OF EUROPE: SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

10.4 ASIA PACIFIC

FIGURE 24 ASIA PACIFIC: ORTHOPEDIC DEVICES MARKET SNAPSHOT

TABLE 169 ASIA PACIFIC: ORTHOPEDIC DEVICES MARKET, BY COUNTRY, 2020–2028 (USD MILLION)

TABLE 170 ASIA PACIFIC: ORTHOPEDIC DEVICES MARKET, BY PRODUCT, 2020–2028 (USD MILLION)

TABLE 171 ASIA PACIFIC: ORTHOPEDIC FIXATION DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 172 ASIA PACIFIC: ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 173 ASIA PACIFIC: ORTHOPEDIC PROSTHETICS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 174 ASIA PACIFIC: ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 175 ASIA PACIFIC: SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 176 ASIA PACIFIC: ORTHOPEDIC DEVICES MARKET, BY SITE, 2020–2028 (USD MILLION)

TABLE 177 ASIA PACIFIC: ORTHOPEDIC DEVICES MARKET, BY APPLICATION, 2020–2028 (USD MILLION)

TABLE 178 ASIA PACIFIC: ORTHOPEDIC DEVICES MARKET, BY END USER, 2020–2028 (USD MILLION)

10.4.1 JAPAN

10.4.1.1 Rapidly growing geriatric population to propel market

TABLE 179 JAPAN: ORTHOPEDIC DEVICES MARKET, BY PRODUCT, 2020–2028 (USD MILLION)

TABLE 180 JAPAN: ORTHOPEDIC FIXATION DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 181 JAPAN: ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 182 JAPAN: ORTHOPEDIC PROSTHETICS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 183 JAPAN: ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 184 JAPAN: SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

10.4.2 CHINA

10.4.2.1 Modernization of healthcare facilities and expanding patient pool to drive market

TABLE 185 CHINA: ORTHOPEDIC DEVICES MARKET, BY PRODUCT, 2020–2028

(USD MILLION)

TABLE 186 CHINA: ORTHOPEDIC FIXATION DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 187 CHINA: ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 188 CHINA: ORTHOPEDIC PROSTHETICS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 189 CHINA: ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 190 CHINA: SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

10.4.3 INDIA

10.4.3.1 Increasing number of hospitals adopting robotic-assisted joint replacement surgery to support market growth

TABLE 191 INDIA: ORTHOPEDIC DEVICES MARKET, BY PRODUCT, 2020–2028 (USD MILLION)

TABLE 192 INDIA: ORTHOPEDIC FIXATION DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 193 INDIA: ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 194 INDIA: ORTHOPEDIC PROSTHETICS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 195 INDIA: ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 196 INDIA: SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

10.4.4 AUSTRALIA

10.4.4.1 Increasing government funding for awareness and research on orthopedic diseases to favor market growth

TABLE 197 AUSTRALIA: ORTHOPEDIC DEVICES MARKET, BY PRODUCT, 2020–2028 (USD MILLION)

TABLE 198 AUSTRALIA: ORTHOPEDIC FIXATION DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 199 AUSTRALIA: ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 200 AUSTRALIA: ORTHOPEDIC PROSTHETICS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 201 AUSTRALIA: ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 202 AUSTRALIA: SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

10.4.5 SOUTH KOREA

10.4.5.1 Supportive government initiatives to favor market growth

TABLE 203 SOUTH KOREA: ORTHOPEDIC DEVICES MARKET, BY PRODUCT, 2020–2028 (USD MILLION)

TABLE 204 SOUTH KOREA: ORTHOPEDIC FIXATION DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 205 SOUTH KOREA: ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 206 SOUTH KOREA: ORTHOPEDIC PROSTHETICS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 207 SOUTH KOREA: ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 208 SOUTH KOREA: SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

10.4.6 REST OF ASIA PACIFIC

TABLE 209 REST OF ASIA PACIFIC: ORTHOPEDIC DEVICES MARKET, BY PRODUCT, 2020–2028 (USD MILLION)

TABLE 210 REST OF ASIA PACIFIC: ORTHOPEDIC FIXATION DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 211 REST OF ASIA PACIFIC: ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 212 REST OF ASIA PACIFIC: ORTHOPEDIC PROSTHETICS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 213 REST OF ASIA PACIFIC: ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 214 REST OF ASIA PACIFIC: SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

10.5 LATIN AMERICA

TABLE 215 LATIN AMERICA: ORTHOPEDIC DEVICES MARKET, BY COUNTRY, 2020–2028 (USD MILLION)

TABLE 216 LATIN AMERICA: ORTHOPEDIC DEVICES MARKET, BY PRODUCT, 2020–2028 (USD MILLION)

TABLE 217 LATIN AMERICA: ORTHOPEDIC FIXATION DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 218 LATIN AMERICA: ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 219 LATIN AMERICA: ORTHOPEDIC PROSTHETICS MARKET, BY TYPE,

2020–2028 (USD MILLION)

TABLE 220 LATIN AMERICA: ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 221 LATIN AMERICA: SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 222 LATIN AMERICA: ORTHOPEDIC DEVICES MARKET, BY SITE, 2020–2028 (USD MILLION)

TABLE 223 LATIN AMERICA: ORTHOPEDIC DEVICES MARKET, BY APPLICATION, 2020–2028 (USD MILLION)

TABLE 224 LATIN AMERICA: ORTHOPEDIC DEVICES MARKET, BY END USER, 2020–2028 (USD MILLION)

10.5.1 BRAZIL

10.5.1.1 Strong foothold of global manufacturers in Brazil to support market growth
TABLE 225 BRAZIL: ORTHOPEDIC DEVICES MARKET, BY PRODUCT, 2020–2028 (USD MILLION)

TABLE 226 BRAZIL: ORTHOPEDIC FIXATION DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 227 BRAZIL: ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 228 BRAZIL: ORTHOPEDIC PROSTHETICS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 229 BRAZIL: ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 230 BRAZIL: SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

10.5.2 MEXICO

10.5.2.1 Favorable investment scenario for medical device manufacturers to favor market growth

TABLE 231 MEXICO: ORTHOPEDIC DEVICES MARKET, BY PRODUCT, 2020–2028 (USD MILLION)

TABLE 232 MEXICO: ORTHOPEDIC FIXATION DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 233 MEXICO: ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 234 MEXICO: ORTHOPEDIC PROSTHETICS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 235 MEXICO: ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 236 MEXICO: SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY

TYPE, 2020–2028 (USD MILLION)

10.5.3 REST OF LATIN AMERICA

TABLE 237 REST OF LATIN AMERICA: ORTHOPEDIC DEVICES MARKET, BY PRODUCT, 2020–2028 (USD MILLION)

TABLE 238 REST OF LATIN AMERICA: ORTHOPEDIC FIXATION DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 239 REST OF LATIN AMERICA: ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 240 REST OF LATIN AMERICA: ORTHOPEDIC PROSTHETICS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 241 REST OF LATIN AMERICA: ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 242 REST OF LATIN AMERICA: SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

10.6 MIDDLE EAST AND AFRICA

10.6.1 INCREASING CAMPAIGNS TO BOOST AWARENESS OF ORTHOPEDIC DISORDERS

TABLE 243 MIDDLE EAST AND AFRICA: ORTHOPEDIC DEVICES MARKET, BY PRODUCT, 2020–2028 (USD MILLION)

TABLE 244 MIDDLE EAST AND AFRICA: ORTHOPEDIC FIXATION DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 245 MIDDLE EAST AND AFRICA: ORTHOPEDIC REPLACEMENT DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 246 MIDDLE EAST AND AFRICA: ORTHOPEDIC PROSTHETICS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 247 MIDDLE EAST AND AFRICA: ORTHOPEDIC BRACES AND SUPPORT PRODUCTS MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 248 MIDDLE EAST AND AFRICA: SPINAL IMPLANTS AND SURGICAL DEVICES MARKET, BY TYPE, 2020–2028 (USD MILLION)

TABLE 249 MIDDLE EAST AND AFRICA: ORTHOPEDIC DEVICES MARKET, BY SITE, 2020–2028 (USD MILLION)

TABLE 250 MIDDLE EAST AND AFRICA: ORTHOPEDIC DEVICES MARKET, BY APPLICATION, 2020–2028 (USD MILLION)

TABLE 251 MIDDLE EAST AND AFRICA: ORTHOPEDIC DEVICES MARKET, BY END USER, 2020–2028 (USD MILLION)

11 COMPETITIVE LANDSCAPE

11.1 INTRODUCTION

FIGURE 25 OVERVIEW OF STRATEGIES ADOPTED BY COMPANIES (2019-2023)

11.2 REVENUE SHARE ANALYSIS

FIGURE 26 REVENUE SHARE ANALYSIS OF TOP PLAYERS IN ORTHOPEDIC DEVICES MARKET

11.3 MARKET SHARE ANALYSIS

FIGURE 27 ORTHOPEDIC DEVICES MARKET SHARE, BY KEY PLAYER, 2021

TABLE 252 ORTHOPEDIC DEVICES MARKET: DEGREE OF COMPETITION

11.4 COMPETITIVE LEADERSHIP MAPPING: COMPANY EVALUATION QUADRANT (2021)

11.4.1 STARS

11.4.2 EMERGING LEADERS

11.4.3 PERVASIVE PLAYERS

11.4.4 PARTICIPANTS

FIGURE 28 ORTHOPEDIC DEVICES MARKET: COMPETITIVE LEADERSHIP MAPPING FOR KEY PLAYERS (2021)

11.5 COMPETITIVE LEADERSHIP MAPPING: STARTUP/SME EVALUATION QUADRANT (2021)

11.5.1 PROGRESSIVE COMPANIES

11.5.2 RESPONSIVE COMPANIES

11.5.3 DYNAMIC COMPANIES

11.5.4 STARTING BLOCKS

FIGURE 29 ORTHOPEDIC DEVICES MARKET: COMPETITIVE LEADERSHIP MAPPING FOR SMES/STARTUPS (2021)

11.6 COMPETITIVE BENCHMARKING

11.6.1 FOOTPRINT ANALYSIS OF COMPANIES

TABLE 253 OVERALL FOOTPRINT OF COMPANIES

TABLE 254 PRODUCT FOOTPRINT OF COMPANIES

TABLE 255 REGIONAL FOOTPRINT OF COMPANIES

11.7 COMPETITIVE SCENARIO

11.7.1 PRODUCT LAUNCHES AND APPROVALS

TABLE 256 ORTHOPEDIC DEVICES MARKET: KEY PRODUCT LAUNCHES AND APPROVALS, JANUARY 2019–JANUARY 2023

11.7.2 DEALS

TABLE 257 ORTHOPEDIC DEVICES MARKET: KEY DEALS, JANUARY 2019–JANUARY 2023

11.7.3 OTHER DEVELOPMENTS

TABLE 258 ORTHOPEDIC DEVICES MARKET: OTHER KEY DEVELOPMENTS, JANUARY 2019–JANUARY 2023

12 COMPANY PROFILES

12.1 KEY PLAYERS

(Business overview, Products offered, Recent Developments, MNM view)*

12.1.1 STRYKER CORPORATION

TABLE 259 STRYKER CORPORATION: BUSINESS OVERVIEW

FIGURE 30 STRYKER CORPORATION: COMPANY SNAPSHOT (2021)

12.1.2 JOHNSON & JOHNSON

TABLE 260 JOHNSON & JOHNSON: BUSINESS OVERVIEW

FIGURE 31 JOHNSON & JOHNSON: COMPANY SNAPSHOT (2021)

12.1.3 MEDTRONIC PLC

TABLE 261 MEDTRONIC PLC: BUSINESS OVERVIEW

FIGURE 32 MEDTRONIC PLC: COMPANY SNAPSHOT (2022)

12.1.4 SMITH & NEPHEW

TABLE 262 SMITH & NEPHEW: BUSINESS OVERVIEW

FIGURE 33 SMITH & NEPHEW: COMPANY SNAPSHOT (2021)

12.1.5 ZIMMER BIOMET

TABLE 263 ZIMMER BIOMET: BUSINESS OVERVIEW

FIGURE 34 ZIMMER BIOMET: COMPANY SNAPSHOT (2021)

12.1.6 NUVASIVE, INC.

TABLE 264 NUVASIVE, INC.: BUSINESS OVERVIEW

FIGURE 35 NUVASIVE, INC.: COMPANY SNAPSHOT (2021)

12.1.7 B. BRAUN

TABLE 265 B. BRAUN: BUSINESS OVERVIEW

FIGURE 36 B. BRAUN: COMPANY SNAPSHOT (2021)

12.1.8 ENOVIS

TABLE 266 ENOVIS: BUSINESS OVERVIEW

FIGURE 37 ENOVIS: COMPANY SNAPSHOT (2021)

12.1.9 ACUMED LLC

TABLE 267 ACUMED LLC: BUSINESS OVERVIEW

12.1.10 BSN MEDICAL GMBH

TABLE 268 BSN MEDICAL GMBH: BUSINESS OVERVIEW

12.1.11 CONMED CORPORATION

TABLE 269 CONMED CORPORATION: BUSINESS OVERVIEW

FIGURE 38 CONMED CORPORATION: COMPANY SNAPSHOT (2021)

12.1.12 ORTHOFIX MEDICAL, INC.

TABLE 270 ORTHOFIX MEDICAL, INC.: BUSINESS OVERVIEW

FIGURE 39 ORTHOFIX MEDICAL, INC.: COMPANY SNAPSHOT (2021)

12.1.13 ARTHREX, INC.

TABLE 271 ARTHREX, INC.: BUSINESS OVERVIEW

12.1.14 ALLEGRA ORTHOPAEDICS

TABLE 272 ALLEGRA ORTHOPAEDICS: BUSINESS OVERVIEW

FIGURE 40 ALLEGRA ORTHOPAEDICS: COMPANY SNAPSHOT (2022)

12.1.15 DEROYAL INDUSTRIES

TABLE 273 DEROYAL INDUSTRIES: BUSINESS OVERVIEW

12.1.16 MICROPORT

TABLE 274 MICROPORT: BUSINESS OVERVIEW

FIGURE 41 MICROPORT: COMPANY SNAPSHOT (2021)

12.1.17 NIPPON SIGMAX CO., LTD.

TABLE 275 NIPPON SIGMAX CO., LTD.: BUSINESS OVERVIEW

12.1.18 TRIMED

TABLE 276 TRIMED: BUSINESS OVERVIEW

12.1.19 ALTIS BIOLOGICS (PTY) LTD.

TABLE 277 ALTIS BIOLOGICS (PTY) LTD.: BUSINESS OVERVIEW

12.1.20 ISTO BIOLOGICS

TABLE 278 ISTO BIOLOGICS: BUSINESS OVERVIEW

*Details on Business overview, Products offered, Recent Developments, MNM view might not be captured in case of unlisted companies.

12.2 OTHER PLAYERS

12.2.1 ITS

12.2.2 MERIL LIFE SCIENCES PVT. LTD.

12.2.3 MUELLER SPORTS MEDICINE, INC.

12.2.4 RCH ORTHOPAEDICS

12.2.5 FLA ORTHOPEDICS

13 APPENDIX

13.1 DISCUSSION GUIDE

13.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

13.3 CUSTOMIZATION OPTIONS

13.4 RELATED REPORTS

13.5 AUTHOR DETAILS

I would like to order

Product name: Orthopedic Devices Market by Product (Fixation, Replacement Devices {knee, Hip, Shoulder}, Braces, Spinal Implants, Arthroscopy, Orthobiologics), Application (Fracture Treatment, Osteoarthritis), End User (Hospital, ASCs) & Region - Global Forecasts to 2028

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