

Pain Management Devices Market by Type (Neurostimulation, Infusion Pump, Ablation), Application (Neuropathic, Musculoskeletal, Cancer pain), Mode of Purchase (Prescription, OTC), By End user (Hospital, Physiotherapy, Home care) -Global Forecast to 2029

Market Report | 2024-10-18 | 298 pages | MarketsandMarkets

AVAILABLE LICENSES:

- Single User \$4950.00
- Multi User \$6650.00
- Corporate License \$8150.00
- Enterprise Site License \$10000.00

Report description:

The global pain management devices market is projected to reach USD 5,835.8 million by 2029 from USD 3,768.6 million in 2024, at a CAGR of 9.1% during the forecast period. The rapid growth in the geriatric population globally and the significant rise in the patients with chronic pain conditions are expected to boost the demand for pain management devices market. Moreover, gradual rise in utilization of pain management devices due to improved awareness among patients is likely to support the market growth. Advancements in pain management devices technology, new product launches, favourable reimbursement and government policies, investments in healthcare infrastructure, and initiatives to enhance the accessibility and affordability of pain management devices is anticipated to fuel the market growth.

"The Neurostimulation devices segment of pain management devices market to grow with the highest CAGR during the forecast period."

Based on the pain management devices market, the Neurostimulation devices pain management devices segment is anticipated to grow at significant rate during forecast period. The demand for neurostimulation devices in the pain management market is increasing due to their effectiveness in treating chronic pain, their minimally invasive nature, and advancements in technology that enhance their functionality and patient comfort. These factors are fostering the growth of neurostimulation devices at higher pace.

"The neuropathic pain segment of application segment to capture the largest market share of pain management devices market." Based on application, the pain management devices market is segmented into neuropathic pain, musculoskeletal pain, cancer pain, facial & migraine , and other applications. The neuropathic segment is to capture the largest share and the higher CAGR during the forecast period. Owing to high prevalence of neuropathic pain across the globe, presence of substantial clinical evidence in the favor of high efficacy of pain management devices in neuropathic pain treatment, development of novel devices, the rising geriatric population is at high risk of neuropathic pain due to the increased incidence of neuropathic pain associated with many age-related diseases, side effects of drugs used to treat neuropathic pain, and availability of favorable reimbursement are boosting the adoption of pain management devices for neuropathic pain conditions.

"North America accounted for the largest share of the pain management devices market by region."

The global pain management devices market is segmented into five major regions, namely, North America, Europe, Asia Pacific, Latin America, and Middle East & Africa. North America is the largest regional market for pain management devices, whereas the Asia Pacific market is estimated to grow at the highest CAGR during the forecast period.

The largest share of North America is attributed to the high disease burden of chronic disease and pain conditions contributing to a larger pool of patients requiring pain management devices products. The presence of numerous potential market giants and favorable reimbursement policy in the region is likely to promote the growth of pain management devices market in North America.

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

- By Company Type: Tier 1-60%, Tier 2-30%, and Tier 3- 10%

- By Designation: Directors-50%, Managers-30% and Others-20%

- By Region: North America-45%, Europe-15%, Asia Pacific-25% and RoW-15%

The major players operating in the pain management devices market market are Medtronic (Ireland), Boston Scientific Corporation(US), Abbott Laboratories (US), Stryker (US), Nevro Corp. (US), Becton, Dickinson and Company (US), Baxter (US), B. Braun SE (Germany), Omron Corporation (Japan), Avanos Medical, Inc. (US), Teleflex Incorporated (US),ICU Medical, Inc. (US), Nipro (Japan), Moog Inc. (US), Atricure, Inc. (US), Micrel Medical Devices SA (Greece), Zynex, Inc.(US), and Enovis Corporation (US).

Research Coverage

This report studies the pain management devices market based on type, application, mode of purchase, end user 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 micro markets 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).

Reasons to Buy the Report

The report will enable established firms as well as entrants/smaller firms to gauge the pulse of the market, which, in turn, would help them to garner a larger market share. Firms purchasing the report could use one or a combination of the below-mentioned strategies for strengthening their market presence.

This report provides insights on the following pointers:

- Analysis of Key divers (increasing prevalence of chronic pain conditions, rising demand of pain management devices in home care settings, , new product launches & approvals, favourable reimbursement scenario and government initiatives), restraints (high procedural cost, product recalls), Opportunities (emerging markets, expanding base of pain management clinics/centers), Challenge (stringent regulatory requirement, use of pain medication as first-line treatment for pain management)

- Market Penetration: Comprehensive information on the product portfolios offered by the top players in the pain management devices market

_Product Development/Innovation: Detailed insights on the upcoming trends, R&D activities, and product launches in the pain management devices market

- Market Development: Comprehensive information on lucrative emerging regions

- Market Diversification: Exhaustive information about new products, growing geographies, and recent developments in the pain management devices market

- Competitive Assessment: In-depth assessment of market segments, growth strategies, revenue analysis, and products of the leading market players.

Table of Contents:

1 INTRODUCTION 27 1.1 STUDY OBJECTIVES 27 1.2 MARKET DEFINITION 27 1.2.1 INCLUSIONS AND EXCLUSIONS 28 1.3 STUDY SCOPE 29 1.3.1 MARKETS COVERED 29 1.3.2 YEARS CONSIDERED 30 1.3.3 CURRENCY CONSIDERED 30 1.4 STAKEHOLDERS 31 1.5 SUMMARY OF CHANGES 31 2 RESEARCH METHODOLOGY 32 2.1 RESEARCH DATA 32 2.1.1 SECONDARY DATA 33 2.1.1.1 Key data from secondary sources 34 2.1.2 PRIMARY DATA 35 2.1.2.1 Key data from primary sources 35 2.1.2.2 Insights from industry experts 36 2.1.2.3 Breakdown of primary interviews 36 2.1.2.4 Supply-side and demand-side participants 37 2.2 MARKET SIZE ESTIMATION 37 2.2.1 BOTTOM-UP APPROACH 37 2.2.2 TOP-DOWN APPROACH 40 2.3 DATA TRIANGULATION 41 2.4 RESEARCH ASSUMPTIONS 42 2.5 RESEARCH LIMITATIONS 42 2.6 RISK ASSESSMENT 42 3 EXECUTIVE SUMMARY 43 4⊓PREMIUM INSIGHTS∏48 4.1∏ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN PAIN MANAGEMENT DEVICES MARKET∏48 4.2 ASIA PACIFIC PAIN MANAGEMENT DEVICES MARKET, BY APPLICATION AND COUNTRY 4.3 PAIN MANAGEMENT DEVICES MARKET, BY COUNTRY 50 ?

5[]MARKET OVERVIEW[]51
5.1 INTRODUCTION 51
5.2 MARKET DYNAMICS 51
5.2.1[]DRIVERS[]52
5.2.1.1 Surge in demand for at-home pain management devices 52
5.2.1.2 Increase in surgical procedures 52
5.2.1.3 Prevalence of chronic pain conditions 53
5.2.1.4 Favorable reimbursement policies for spinal cord stimulation devices 53
5.2.1.5 Growing launches and regulatory approvals for advanced
pain management devices[]54
5.2.2 RESTRAINTS 54
5.2.2.1 Rise in product recalls 54
5.2.2.2□High procedural and purchase cost of pain management devices□55
5.2.3 OPPORTUNITIES 55
5.2.3.1 Untapped growth potential in emerging economies 55
5.2.3.2 Expansion of pain management clinics 56
5.2.4 CHALLENGES 56
5.2.4.1 Use of pain medication as first line of treatment 56
5.2.4.2 Stringent regulatory norms for FDA approval 56
5.3 TECHNOLOGY ANALYSIS 57
5.3.1 KEY TECHNOLOGIES 57
5.3.1.1 Wearable devices 57
5.3.1.2 Implantable pumps 57
5.3.2 COMPLEMENTARY TECHNOLOGIES 58
5.3.2.1[]Virtual reality[]58
5.3.2.2[Digital therapeutics]]58
5.3.3[]ADJACENT TECHNOLOGIES[]58
5.3.3.1[Robotics]]58
5.4_INDUSTRY TRENDS_58
5.4.1 _ELECTROTHERAPY DEVICES _58
5.4.2]RECHARGEABLE SPINAL CORD STIMULATORS]59
5.5 SUPPLY CHAIN ANALYSIS 59
5.6[]TRADE ANALYSIS[]61
5.7[]PORTER'S FIVE FORCES ANALYSIS[]62
5.7.1[]THREAT FROM NEW ENTRANTS[]63
5.7.2[]THREAT FROM SUBSTITUTES[]64
5.7.3 BARGAINING POWER OF SUPPLIERS 64
5.7.4[]BARGAINING POWER OF BUYERS[]64
5.7.5[INTENSITY OF COMPETITIVE RIVALRY[]65
?
5.8 REGULATORY LANDSCAPE 65
5.8.1 NORTH AMERICA 66
5.8.1.1 US 66
5.8.1.2[Canada]67
5.8.2[]EUROPE[]68
5.8.3[]ASIA PACIFIC[]71
5.8.3.1[]Japan[]71

5.8.3.2 China 71 5.8.3.3 [India]72 5.8.4 LATIN AMERICA 73 5.8.4.1 Brazil 73 5.8.4.2 Mexico 75 5.8.5 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS 77 5.9 PATENT ANALYSIS 80 5.10 PRICING ANALYSIS 82 5.11 KEY CONFERENCES AND EVENTS, 2024-2025 83 5.12 KEY STAKEHOLDERS AND BUYING CRITERIA 5.12.1 KEY STAKEHOLDERS IN BUYING PROCESS 84 5.12.2 BUYING CRITERIA 85 5.13 ECOSYSTEM ANALYSIS 86 5.14 CASE STUDY ANALYSIS 88 5.15 REIMBURSEMENT ANALYSIS 89 5.16 UNMET NEEDS IN PAIN MANAGEMENT DEVICES MARKET 90 5.17 VALUE CHAIN ANALYSIS 91 5.18 END USER EXPECTATIONS IN PAIN MANAGEMENT DEVICES MARKET 92 5.19 IMPACT OF AI/GEN AI IN PAIN MANAGEMENT DEVICES MARKET 93 5.20 TRENDS AND DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES 93 5.21 INVESTMENT AND FUNDING SCENARIO 94 6∏PAIN MANAGEMENT DEVICES MARKET, BY TYPE∏95 6.1 INTRODUCTION 96 6.2 NEUROSTIMULATION DEVICES 96 6.2.1 TRANSCUTANEOUS ELECTRICAL NERVE STIMULATORS 99 6.2.1.1 Surge in demand for non-invasive therapy to drive market 99 6.2.2 SPINAL CORD STIMULATORS 101 6.2.2.1 Extensive use of SCS for pain treatment to drive market 101 6.2.3 || OTHERS || 103 6.3⊓INFUSION PUMPS⊓105 6.3.1 ⊓INTRATHECAL INFUSION PUMPS ⊓107 6.3.1.1 Increasing incidences of chronic pain to drive market 107 ? 6.3.2 EXTERNAL INFUSION PUMPS 109 6.3.2.1 Availability of reimbursement to drive market 109 6.4 ABLATION DEVICES 111 6.4.1 RADIOFREQUENCY ABLATION DEVICES 113 6.4.1.1 Low cost of RF ablation procedures to drive market 113 6.4.2 CRYOABLATION ABLATION DEVICES 115 6.4.2.1 Successful clinical trials to drive market 115 6.4.3 ULTRASOUND ABLATION DEVICES 116 6.4.3.1 Efficacy in targeted pain management to drive market 116 6.4.4 || OTHERS || 118 7 PAIN MANAGEMENT DEVICES MARKET, BY APPLICATION 119 7.1 INTRODUCTION 120 7.2 NEUROPATHIC PAIN 120

7.2.1 HIGH EFFICACY OF PAIN MANAGEMENT DEVICES IN NEUROPATHIC PAIN TREATMENT TO DRIVE MARKET[]120 7.3 MUSCULOSKELETAL PAIN 122 7.3.1 SURGE IN AGING POPULATION TO DRIVE MARKET 122 7.4 CANCER PAIN 124 7.4.1 □ PREVALENCE OF CANCER TO DRIVE MARKET □ 124 7.5 FACIAL PAIN & MIGRAINE 126 7.5.1 INTRODUCTION OF NOVEL PAIN MANAGEMENT DEVICES TO DRIVE MARKET 126 7.6 OTHER APPLICATIONS 127 8 PAIN MANAGEMENT DEVICES MARKET, BY MODE OF PURCHASE 129 8.1 INTRODUCTION 130 8.2 PRESCRIPTION-BASED 130 8.2.1 INCREASING INCIDENCES OF MEDICAL DISORDERS TO DRIVE MARKET 130 8.3 OVER-THE-COUNTER 132 8.3.1 ACCESSIBILITY OF OTC PAIN MANAGEMENT DEVICES TO DRIVE MARKET 132 9 PAIN MANAGEMENT DEVICES MARKET, BY END USER 134 9.1 INTRODUCTION 135 9.2 HOSPITALS & CLINICS 135 9.3 PHYSIOTHERAPY CENTERS 137 9.3.1 RISE OF SPORTS INJURIES AND MUSCULOSKELETAL DISORDERS TO DRIVE MARKET[]137 9.4 HOME CARE SETTINGS 139 9.4.1 ⊓HIGH COST OF HOSPITALIZATION TO DRIVE MARKET 139 9.5 OTHER END USERS 141 ? 10 PAIN MANAGEMENT DEVICES MARKET, BY REGION 142 10.1 INTRODUCTION 143 10.2 NORTH AMERICA 143 10.2.1 MACROECONOMIC OUTLOOK 147 10.2.2 US 148 10.2.2.1 Favorable reimbursement policies to drive market 148 10.2.3 CANADA 151 10.2.3.1 ΠIncreasing incidences of chronic pain to drive market 151 10.3 UROPE 154 10.3.1 MACROECONOMIC OUTLOOK 157 10.3.2 GERMANY 158 10.3.2.1 Robust healthcare infrastructure to drive market 158 10.3.3 FRANCE 161 10.3.3.1 Government initiatives for lowering healthcare costs to drive market 161 10.3.4 UK 164 10.3.4.1 Shift toward home care settings to drive market 164 10.3.5[]ITALY[]167 10.3.5.1 Growing healthcare investments to drive market 167 10.3.6 SPAIN 169 10.3.6.1 Surge in new cancer cases to drive market 169 10.3.7 REST OF EUROPE 172 10.4 ASIA PACIFIC 175

10.4.1 MACROECONOMIC OUTLOOK 179 10.4.2 JAPAN 181 10.4.2.1 Large geriatric population to drive market 181 10.4.3 CHINA 183 10.4.3.1 Growing investments in healthcare infrastructure development to drive market 183 10.4.4 || INDIA || 186 10.4.4.1 High prevalence of lifestyle diseases to drive market 186 10.4.5 AUSTRALIA 189 10.4.5.1 Initiatives promoting development of novel pain management devices to drive market 189 10.4.6 SOUTH KOREA 192 10.4.6.1 Growing demand for effective treatment options to drive market 192 10.4.7 REST OF ASIA PACIFIC 194 10.5 LATIN AMERICA 197 10.5.1 MACROECONOMIC OUTLOOK 200 10.5.2[BRAZIL]201 10.5.2.1 Private and government sector awareness programs to drive market 201 10.5.3 MEXICO 204 10.5.3.1 Domestic health coverage schemes to drive market 204 10.5.4 REST OF LATIN AMERICA 206 10.6 MIDDLE EAST & AFRICA 209 10.6.1 MACROECONOMIC OUTLOOK 212 10.6.2 GCC COUNTRIES 213 10.6.2.1 || High healthcare spending capacity to drive market || 213 10.6.3 REST OF MIDDLE EAST & AFRICA 216 11 COMPETITIVE LANDSCAPE 219 11.1 INTRODUCTION 219 11.2 KEY PLAYER STRATEGIES/RIGHT TO WIN, 2021-2024 219 11.3 REVENUE ANALYSIS, 2021-2023 220 11.4 MARKET SHARE ANALYSIS, 2023 221 11.5 COMPANY EVALUATION MATRIX: KEY PLAYERS, 2023 222 11.5.1 STARS 223 11.5.2 EMERGING LEADERS 223 11.5.3 PERVASIVE PLAYERS 223 11.5.4 PARTICIPANTS 223 11.5.5 COMPANY FOOTPRINT 224 11.5.5.1 Company footprint 225 11.5.5.2 Type footprint 226 11.5.5.3 Region footprint 227 11.6 COMPANY EVALUATION MATRIX: START-UPS/SMES, 2023 228 11.6.1 PROGRESSIVE COMPANIES 228 11.6.2 RESPONSIVE COMPANIES 228 11.6.3 DYNAMIC COMPANIES 228 11.6.4 STARTING BLOCKS 228 11.6.5 COMPETITIVE BENCHMARKING 230 11.7 BRAND/PRODUCT COMPARISON 231 11.8 R&D ASSESSMENT 232 11.9 COMPANY VALUATION AND FINANCIAL METRICS 232

11.10 COMPETITIVE SCENARIO 233 11.10.1 PRODUCT APPROVALS/LAUNCHES 233 11.10.2 DEALS 234 11.10.3 EXPANSIONS 235 11.10.4 OTHERS 235 12 COMPANY PROFILES 236 12.1 KEY PLAYERS 236 12.1.1 MEDTRONIC 236 12.1.1.1 Business overview 236 12.1.1.2 Products offered 237 12.1.1.3 Recent developments 238 12.1.1.3.1 Product approvals/launches 238 12.1.1.4 MnM view 239 12.1.1.4.1 Key strengths 239 12.1.1.4.2 Strategic choices 239 12.1.1.4.3 Weaknesses and competitive threats 239 12.1.2 BOSTON SCIENTIFIC CORPORATION 240 12.1.2.1 Business overview 240 12.1.2.2 Products offered 241 12.1.2.3 Recent developments 242 12.1.2.3.1 Deals 242 12.1.2.4 MnM view 242 12.1.2.4.1 Key strengths 242 12.1.2.4.2 Strategic choices 242 12.1.2.4.3 Weaknesses and competitive threats 242 12.1.3 ABBOTT LABORATORIES 243 12.1.3.1 Business overview 243 12.1.3.2 Product offered 244 12.1.3.3 Recent developments 245 12.1.3.3.1 Product approvals/launches 245 12.1.3.4 MnM view 245 12.1.3.4.1 Key strengths 245 12.1.3.4.2 Strategic choices 245 12.1.3.4.3 Weaknesses and competitive threats 246 12.1.4 NEVRO CORP. 247 12.1.4.1 Business overview 247 12.1.4.2 Products offered 248 12.1.4.3 Recent developments 248 12.1.4.3.1 Product approvals/launches 248 12.1.4.3.2 Deals 248 12.1.4.4 MnM view 249 12.1.4.4.1 Key strengths 249 12.1.4.4.2 Strategic choices 249 12.1.4.4.3 Weaknesses and competitive threats 249 12.1.5 BECTON, DICKINSON AND COMPANY 250 12.1.5.1 Business overview 250

 $12.1.5.2 \verb] Products offered \verb] 251$

12.1.5.3 Recent developments 252 12.1.5.3.1 Others 252 12.1.5.4 MnM view 252 12.1.5.4.1 Right to win 252 12.1.5.4.2 Strategic choices 252 12.1.5.4.3 Weaknesses and competitive threats 252 12.1.6 STRYKER 253 12.1.6.1 Business overview 253 12.1.6.2 Products offered 254 12.1.6.3 Recent developments 255 12.1.6.3.1 || Expansions || 255 12.1.7 B. BRAUN SE 256 12.1.7.1 Business overview 256 12.1.7.2 Products offered 257 12.1.7.3 Recent developments 259 12.1.7.3.1 Deals 259 12.1.7.3.2 Others 259 12.1.8 BAXTER 260 12.1.8.1 Business overview 260 12.1.8.2 Products offered 262 12.1.9 OMRON CORPORATION 263 12.1.9.1 Business overview 263 12.1.9.2 Products offered 264 12.1.10 AVANOS MEDICAL, INC. 265 12.1.10.1 Business overview 265 12.1.10.2 Products offered 266 12.1.10.2.1 Deals 266 12.1.11 TELEFLEX INCORPORATED 267 12.1.11.1 Business overview 267 12.1.11.2 Products offered 268 12.1.12 ICU MEDICAL, INC. 269 12.1.12.1 Business overview 269 12.1.12.2 Products offered 270 12.1.12.3 Recent developments 271 12.1.12.3.1 Deals 271 12.1.13 NIPRO 272 12.1.13.1 Business overview 272 12.1.13.2 Products offered 274 12.1.13.3 Recent developments 274 12.1.13.3.1 Expansions 274 12.1.14 MOOG INC. 275 12.1.14.1 Business overview 275 12.1.14.2 Products offered 277 12.1.15 ATRICURE, INC. 278 12.1.15.1 Business overview 278 12.1.15.2 Products offered 279 12.1.15.3 Recent developments 279

12.1.15.3.1 Product approvals/launches 279 12.1.16 MICREL MEDICAL DEVICES SA 280 12.1.16.1 Business overview 280 12.1.16.2 Products offered 281 12.1.17[]ZYNEX, INC.[]282 12.1.17.1 Business overview 282 12.1.17.2 Products offered 283 12.1.18 ENOVIS CORPORATION 284 12.1.18.1 Business overview 284 12.1.18.2 Products offered 285 12.2 OTHER PLAYERS 286 12.2.1 EPIC MEDICAL 286 12.2.2 SOTERIX MEDICAL INC. 286 12.2.3 GIMER MEDICAL 287 12.2.4 NEURONANO AB 287 12.2.5 ICECURE MEDICAL 288 12.2.6[BIOWAVE]288 12.2.7 THERANICA BIO-ELECTRONICS LTD. 289 13 APPENDIX 290 13.1 DISCUSSION GUIDE 290 13.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL 294 13.3 CUSTOMIZATION OPTIONS 296 13.4 RELATED REPORTS 296 13.5 AUTHOR DETAILS 297



Pain Management Devices Market by Type (Neurostimulation, Infusion Pump, Ablation), Application (Neuropathic, Musculoskeletal, Cancer pain), Mode of Purchase (Prescription, OTC), By End user (Hospital, Physiotherapy, Home care) -Global Forecast to 2029

Market Report | 2024-10-18 | 298 pages | MarketsandMarkets

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License		Price
	Single User		\$4950.00
	Multi User		\$6650.00
	Corporate License		\$8150.00
	Enterprise Site License		\$10000.00
		VAT	
		Total	

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346. []** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	Phone*	
First Name*	Last Name*	
Job title*		
Company Name*	EU Vat / Tax ID / NIP	number*
Address*	City*	

Zip	Code*
- 10	Couc

Country*

Date

Signature

2025-05-20