

Pain Management Therapeutics Market Exhibits 3.7% CAGR through 2032, Reports Persistence Market Research

The pain management therapeutics market is evolving with rising chronic pain cases, non-opioid innovations, and growing demand for personalized treatments.

LONDON, UNITED KINGDOM, October 16, 2025 /EINPresswire.com/ -- The global [pain management therapeutics market](https://www.persistencemarketresearch.com/samples/35350) is projected to reach USD 103.0 billion by 2032, growing from USD 79.7 billion in 2025. This represents a compound annual growth rate (CAGR)

of approximately 3.7% over the forecast period. Pain management therapeutics are pivotal in addressing the growing prevalence of chronic pain, a challenge that affects millions of individuals worldwide. According to the 2024 Global Burden of Disease Study, chronic pain impacts more than 20% of the adult population globally. As such, the demand for safe, effective, and personalized pain management solutions has reached unprecedented levels. The ongoing innovations in pharmaceuticals, alongside an increasing focus on personalized medicine, are transforming the landscape of pain relief therapies.

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Key Industry Highlights

In 2025, nonsteroidal anti-inflammatory drugs (NSAIDs) are expected to dominate the pain management therapeutics market, accounting for an estimated 32.6% of the market share. Their proven efficacy in reducing inflammation and managing pain, especially for short-term use, ensures their continued prominence in clinical practice. Additionally, the neuropathic pain segment, which is projected to capture a 29.5% share in 2025, is gaining traction due to the rising incidence of neuropathic conditions like chemotherapy-induced neuropathy, shingles, and diabetes.



Persistence
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Research Report On

Pain Management Therapeutics Market

The Ultimate & Practical Overview

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Pain Management Therapeutics Market

North America will maintain a strong presence, contributing nearly 31.2% of the global market share in 2025, driven by high chronic pain prevalence and the growing adoption of innovative pain management therapies. Innovations in drug delivery systems, such as transdermal patches and extended-release formulations, are expected to improve patient compliance, further bolstering market growth.

Market Dynamics

Driver – Increasing Prevalence of Back Pain and Arthritis

One of the primary drivers for the pain management therapeutics market is the increasing prevalence of chronic back pain and arthritis, particularly in the aging population. According to the 2023 Global Burden of Disease Study, low back pain is now the leading cause of disability worldwide, affecting around 620 million people. Osteoarthritis, another major contributor to chronic pain, impacts over 528 million people globally. This surge in diagnoses, fueled by greater public awareness and enhanced diagnostic capabilities, is expected to create sustained demand for pharmacological pain relief options. Non-opioid pain patches and multimodal therapies, including topical formulations and NSAIDs, are increasingly being utilized as effective pain management strategies.

Restraint – Addiction Risks and Adverse Effects

Despite the growing demand for pain management solutions, certain limitations are constraining market growth. The risk of addiction, adverse side effects, and dependence associated with opioid-based therapies remains a major concern. In the United States, opioid overdose deaths surpassed 81,000 in 2023, underscoring the dangers of opioid use in pain management. This has led to increased regulatory scrutiny and a decline in opioid prescriptions. For chronic pain patients, especially those resistant to non-opioid alternatives, this has created a therapeutic gap. Furthermore, the long-term use of NSAIDs and gabapentinoids has raised concerns about cardiovascular complications, kidney injury, and gastrointestinal bleeding, particularly among the elderly population.

Opportunity – Personalized Medicine

Advancements in personalized medicine are providing new opportunities in the pain management therapeutics market. Pharmacogenomics, which involves studying genetic variations that influence how patients metabolize pain medications, is expected to play a crucial role in shaping the future of pain therapy. A 2023 study published in Nature Genetics revealed that genetic polymorphisms in CYP2D6 and OPRM1 genes could explain more than 35% of variability in opioid response. This breakthrough opens the door for genotype-guided therapy selection, particularly for opioids and antidepressants used in managing neuropathic pain. The growing trend toward personalized approaches will ensure safer and more effective treatments,

particularly for patients with complex or multi-faceted pain syndromes.

Category-wise Analysis

Drug Class Insights

The pain management therapeutics market is categorized by drug class, with NSAIDs, opioids, anesthetics, antidepressants, and anticonvulsants being the primary segments. NSAIDs, due to their anti-inflammatory and analgesic properties, are expected to lead the market, holding a share of 32.6% in 2025. They are commonly prescribed for conditions such as post-operative pain, rheumatoid arthritis, and osteoarthritis. Despite the availability of newer biologics, NSAIDs continue to be a first-line treatment in many regions.

Antidepressants, particularly serotonin-norepinephrine reuptake inhibitors (SNRIs), have gained importance in pain management due to their ability to modulate central pain pathways. These drugs are especially useful for managing conditions like fibromyalgia and diabetic peripheral neuropathy. The inclusion of antidepressants in clinical pain guidelines and insurance reimbursement policies has further propelled their use in pain management.

Indication Insights

The market is segmented based on indication, with the key segments being arthritic pain, neuropathic pain, chronic back pain, cancer pain, and post-operative pain. Neuropathic pain is expected to capture the largest share, around 29.5%, in 2025. This is due to its increasing prevalence, the difficulty in managing the condition with traditional analgesics, and its complex pathophysiology. Neuropathic pain conditions, such as chemotherapy-induced peripheral neuropathy, postherpetic neuralgia, and diabetic neuropathy, are becoming more prevalent, leading to greater demand for targeted therapies.

Cancer pain is another significant segment that is likely to see considerable growth from 2025 to 2032. With rising cancer incidences worldwide, the need for effective pain management strategies, particularly for patients in advanced stages of the disease, is paramount. Pain management for cancer often requires a multi-layered approach, including the use of opioids, adjuvant analgesics, and non-pharmacological interventions.

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Regional Insights

North America Pain Management Market

North America is poised to hold the largest share of the pain management therapeutics market,

contributing an estimated 31.2% in 2025. The U.S., in particular, remains the largest market for pain management therapies, driven by high prevalence rates of chronic pain, including cancer, arthritis, and diabetes. A report by the Centers for Disease Control and Prevention (CDC) in 2024 indicated that 51.6 million adults in the U.S. live with chronic pain. Furthermore, regulatory policies in the U.S. continue to encourage the use of non-opioid treatments, such as extended-release local anesthetics and spinal cord stimulators, thus enhancing patient outcomes and adherence.

Europe Pain Management Market

Europe, with its evolving regulatory landscape, is also experiencing significant changes in the pain management therapeutics market. More than 150 million individuals in Europe suffer from chronic pain, and the economic burden of pain-related disorders is substantial. Regulatory bodies, such as the European Medicines Agency (EMA), have tightened guidelines for opioid use, pushing for non-opioid therapies for chronic non-cancer pain. Countries like Germany and France have increasingly adopted non-opioid medications like pregabalin and duloxetine for neuropathic pain, reflecting a broader shift away from opioids in pain management.

Asia Pacific Pain Management Market

The Asia Pacific region is experiencing steady growth in the pain management therapeutics market, driven by expanding healthcare access and rising disease burdens. Chronic pain affects over 30% of the adult population in countries like China, South Korea, and Japan. China, in particular, is emerging as a significant player in the market due to supportive regulatory reforms and increased domestic pharmaceutical production. Non-opioid treatments, such as pain relief patches and next-generation gabapentinoids, are gaining popularity, particularly in China and Japan, where the healthcare system is advancing rapidly.

Competitive Landscape

The pain management therapeutics market is highly competitive, with a mix of established pharmaceutical giants, biotechnology firms, and emerging start-ups. Companies are investing heavily in research and development to create non-opioid pain management therapies and address the growing concerns around opioid addiction. Some of the key players in the market include:

Abbott Laboratories
Teva Pharmaceutical
Endo International plc
Pfizer Inc.
Mallinckrodt Pharmaceuticals plc
Depomed, Inc
GSK plc

Merck & Co.
Novartis AG
AstraZeneca plc

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Key Industry Developments

Several noteworthy developments are shaping the future of the pain management therapeutics market:

EyeCool Therapeutics announced positive results from a pilot study of ETX-4143, an investigational device for treating Chronic Ocular Surface Pain (COSP) in May 2025.

Allay Therapeutics reported dosing the first patient in a Phase 2b trial of ATX101, a new investigational analgesic for post-surgical pain following Total Knee Replacement (TKA), in February 2025.

Tris Pharma released positive topline results from its ALLEVIATE-1 Phase III trial of cebranopadol for acute pain post-abdominoplasty surgery in January 2025.

Future Outlook

The future of the pain management therapeutics market looks promising, with innovations in drug delivery systems, personalized medicine, and non-opioid pain relief therapies expected to drive market expansion. The rising global prevalence of chronic pain conditions, along with an increasing emphasis on personalized, targeted therapies, will continue to propel the growth of the market. However, challenges such as addiction risks and regulatory scrutiny will necessitate careful navigation for stakeholders in the space. As the demand for safe, effective, and individualized pain management solutions grows, the market will evolve to meet the needs of an aging and increasingly burdened global population.

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