

Postoperative Pain Management Market Size to Hit US\$ 65.22 Bn by 2032, Notes Persistence Market Research

The global postoperative pain management market is growing, driven by rising surgeries, opioid alternatives, multimodal therapies, & digital health integration.

BRENTFORD, ENGLAND, INDIA, October 9, 2025 /EINPresswire.com/ -- The global [postoperative pain management market](https://www.persistencemarketresearch.com/samples/24259) is set to undergo significant growth in the coming years, with projections indicating a valuation of US\$ 45.13 billion in 2025. This market

is expected to reach US\$ 65.22 billion by 2032, growing at a compound annual growth rate (CAGR) of 5.4% during the forecast period of 2025-2032. Several factors are driving this expansion, including a rise in surgical procedures, an increasing prevalence of cancer-related pain, and the heightened demand for pain relief solutions following the COVID-19 pandemic. Furthermore, innovations in drug formulations and the integration of multimodal analgesia strategies are paving the way for more effective and safer postoperative pain management solutions.

Get a Sample Copy of Research Report (Use Corporate Mail id for Quick Response):

<https://www.persistencemarketresearch.com/samples/24259>

Key Industry Highlights

The postoperative pain management market is witnessing a shift toward more advanced and diverse therapeutic options. Patient satisfaction metrics, hospital performance indicators, and the increasing emphasis on reducing opioid dependence have significantly influenced pain management protocols. Minimally invasive surgeries are also on the rise, necessitating specialized pain management approaches tailored to specific procedures. Key industry developments include FDA-approved drugs like OLINVIK and Zynrelef, which offer enhanced pain management with reduced side effects, thus fostering a paradigm shift in the way



postoperative pain is managed. Additionally, digital health technologies such as mobile apps and telemedicine are making it easier to monitor pain and manage medications more effectively.

Market Dynamics

Drivers

The growth of the postoperative pain management market is primarily driven by the increasing number of surgeries performed globally. For instance, over 50 million surgical procedures are carried out annually in the U.S. alone. As the aging population grows and surgical interventions become more complex, the demand for effective pain management solutions continues to rise. Furthermore, advancements in drug formulations, including non-opioid alternatives and long-acting formulations, are expanding the scope of available pain relief options. With rising concerns about opioid abuse, there is an increasing focus on reducing opioid prescriptions and improving multimodal pain management strategies.

Restraints

Despite its growth, the market faces several challenges. The overuse of opioids remains a significant concern, as it poses risks of addiction, respiratory depression, and long-term cognitive impairments. The ongoing opioid epidemic, particularly in regions like North America, is prompting healthcare providers and pharmaceutical companies to seek alternatives. Furthermore, the complex nature of postoperative pain, which varies by surgery type and patient condition, necessitates a personalized approach to pain management. This increases the complexity of treatment regimens and requires advanced technologies and expertise.

Opportunities

The market presents ample opportunities for growth, particularly through innovations in pain management therapies and delivery systems. Research and development in the area of pharmacogenomics are opening new possibilities for personalized pain management, improving treatment outcomes while minimizing adverse effects. Additionally, the development of new, non-opioid analgesics and long-acting formulations, such as transdermal patches and extended-release opioids, is set to meet the growing demand for safer and more effective pain relief solutions. The integration of digital health tools also holds promise for improving postoperative pain management by offering better tracking and monitoring of patient outcomes.

Category-Wise Analysis

Drug Type Segmentation

The drug type segmentation of the postoperative pain management market is dominated by opioids, which are projected to account for 62% of the market share by 2025. Despite the

concerns surrounding opioid use, these drugs continue to be the preferred option for managing postoperative pain due to their immediate effectiveness. However, there is growing adoption of non-opioid alternatives, such as OLINVYK and EXPAREL, as part of efforts to reduce opioid dependency. Non-steroidal anti-inflammatory drugs (NSAIDs) and acetaminophen also remain vital in multimodal pain management strategies, particularly when combined with other analgesics to reduce opioid consumption.

Route of Administration

In 2025, the oral route of administration is expected to hold a 38% share of the market. Oral medications are increasingly popular for postoperative pain management due to their ease of use, cost-effectiveness, and patient compliance. Oral drugs such as extended-release formulations and novel analgesics offer long-term pain relief without requiring injections, which reduces the burden on healthcare facilities and improves patient comfort.

Request for Customization of the Research Report:

<https://www.persistencemarketresearch.com/request-customization/24259>

Regional Insights

North America

North America is expected to lead the postoperative pain management market with a 46% share by 2025. The region's dominance can be attributed to its advanced healthcare infrastructure and the rising number of surgeries, including elective procedures. Additionally, the increasing focus on reducing opioid use and improving pain management protocols is driving growth in this market. The FDA's approval of drugs like OLINVYK and Zynrelef has further boosted the adoption of new, safer pain management solutions in the region.

Asia Pacific

Asia Pacific is anticipated to experience substantial growth, with the region holding a 28.7% share of the global market in 2025. The growing healthcare infrastructure and medical innovation in emerging economies like India and China are key drivers of this growth. The development of long-acting and sustained-release formulations is particularly notable in Asia Pacific, with companies like Hisamitsu Pharmaceutical introducing transdermal patches to manage postoperative pain in countries like South Korea and Japan. The region is projected to grow at a CAGR of 7.4% from 2025 to 2032, driven by these innovations and government investments in healthcare.

Competitive Landscape

The postoperative pain management market is highly competitive, with key players continuously

working to develop new pain relief therapies and delivery systems. Companies like Pfizer, Johnson & Johnson, AbbVie, and Purdue Pharma are at the forefront of this industry, investing heavily in research and development to meet the diverse needs of patients. These companies are focusing on both opioid and non-opioid analgesics, as well as innovative delivery systems like long-acting formulations and transdermal patches.

Strategic mergers and acquisitions are also prevalent in the market, with companies consolidating their resources to enhance their product offerings. For example, in June 2025, UT Health San Antonio became the first hospital in Texas to administer suzetrigine, a newly FDA-approved non-opioid pain medication, as part of its opioid-free recovery protocols.

Key Players

Teva Pharmaceutical Industries Ltd

Novartis AG

Allergan plc

GlaxoSmithKline plc

Mylan N.V.

Johnson & Johnson

Pfizer Inc.

Purdue Pharma L.P.

Janssen Pharmaceuticals, Inc

Endo International pl

Baxter International

Pacira Pharmaceuticals Inc.

Cadila Healthcare Limit

Cipla Limited

Eisan

LG Che

AbbVie Inc.

Amgen Inc.

Sun Pharmaceutical Ltd.

Buy Now the Detailed Report: <https://www.persistencemarketresearch.com/checkout/24259>

Recent Developments

The postoperative pain management market has witnessed several recent developments that are shaping its future trajectory. In January 2025, the U.S. FDA approved Journavx (suzetrigine), a first-in-class non-opioid analgesic, for the treatment of moderate to severe acute pain in adults. This approval represents a major step in reducing opioid use and addressing the growing opioid crisis. Additionally, in October 2024, Hisamitsu Pharmaceutical launched a transdermal patch for postoperative pain management, gaining traction in key markets like South Korea and Japan.

Postoperative Pain Management Market Segmentation

By Drug:

- Opioids
- Tramadol
- Oxycodone
- Hydrocodone
- Other Opioids
- NSAIDs
- Local Anesthetics
- Acetaminophen

By Route of Administration:

- Injectable
- Oral
- Rectal
- Topical
- Transdermal
- Others

By Prescription Type:

- Over-the-counter (OTC) Products
- Prescription Drugs

By Distribution Channel:

- Hospital Pharmacies
- Specialty Clinics
- Long Term Care Centers
- Retail Pharmacies
- Drug Stores
- Online Pharmacies

By Region:

- North America
- Europe
- East Asia
- South Asia and Oceania

Latin America
Middle East and Africa

Future Outlook

The future of the postoperative pain management market looks promising, with advancements in pharmacogenomics, non-opioid analgesics, and digital health technologies. As healthcare systems globally focus on reducing opioid dependence, multimodal pain management strategies are expected to become more widespread. Personalized pain management, based on genetic testing and patient-specific factors, will likely play a pivotal role in enhancing treatment outcomes. The market is poised to continue its upward trajectory, driven by technological innovations, an increasing number of surgeries, and a heightened focus on patient-centered care.

In conclusion, the postoperative pain management market is undergoing significant transformation, driven by innovations in drug therapies, new administration routes, and a growing emphasis on reducing opioid dependency. As the market continues to evolve, stakeholders must stay ahead of emerging trends, regulatory changes, and patient needs to remain competitive in this dynamic healthcare sector.

Read Related Reports:

[Uncomplicated Urinary Tract Infection \(UTI\) Treatment Market](#): The global uncomplicated urinary tract infection treatment market is forecast to expand at a CAGR of 10.3% and thereby increase from a value of US\$6.09 Bn in 2023, to US\$11.9 Bn by the end of 2030.

[Submucosal Lifting Agent Market](#): The global submucosal lifting agent market is projected to grow at a CAGR of 7.0%, increasing from US\$1.1 billion in 2023 to US\$1.8 billion by the end of 2030.

Persistence Market Research
Persistence Market Research Pvt Ltd
+1 646-878-6329

[email us here](#)

Visit us on social media:

[LinkedIn](#)

[Instagram](#)

[Facebook](#)

[YouTube](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/856641501>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors

try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.