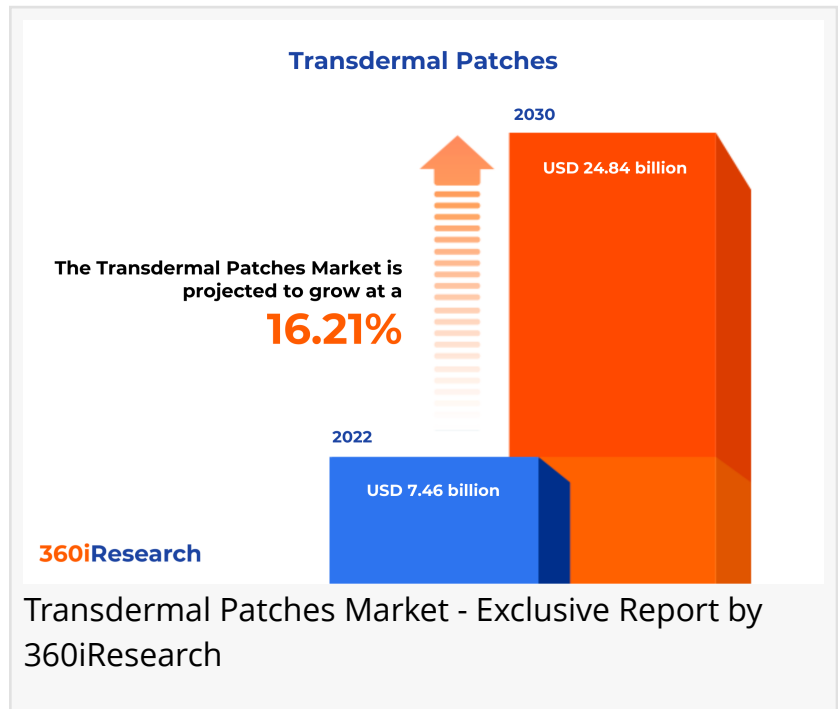


Transdermal Patches Market worth \$24.84 billion by 2030, growing at a CAGR of 16.21% - Exclusive Report by 360iResearch

The Global Transdermal Patches Market to grow from USD 7.46 billion in 2022 to USD 24.84 billion by 2030, at a CAGR of 16.21%.

PUNE, MAHARASHTRA, INDIA,
December 1, 2023 /EINPresswire.com/
-- The "["Transdermal Patches Market](https://www.360iresearch.com/library/intelligence/transdermal-patches?utm_source=einpresswire&utm_medium=referral&utm_campaign=sample)" by Product (Matrix, Multi-layer Drug-in-Adhesive, Reservoir), Type (Buprenorphine Transdermal Patch, Clonidine Transdermal Patch, Fentanyl Transdermal Patch), Technology, Application, Distribution Channel, End Users - Global Forecast 2023-2030" report has been added to 360iResearch.com's offering.



The Global Transdermal Patches Market to grow from USD 7.46 billion in 2022 to USD 24.84 billion by 2030, at a CAGR of 16.21%.

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Transdermal patches offer a novel therapeutic approach to managing chronic conditions by delivering medication directly through the skin into the bloodstream. These patches are used for a range of purposes, including nicotine cessation, hormone replacement therapy, pain management, and the administration of anti-hypertensive, anti-inflammatory, and contraceptive medications. The growing aging population facing difficulty in oral medication administration may benefit from the ease of use of transdermal patches. The prevalence of chronic diseases and the rising preference for non-invasive drug delivery methods are raising the need for transdermal patches. However, high costs and limitations associated with transdermal patches

can impede end-user adoption. Moreover, ongoing R&D to develop innovative drug delivery systems and enhance the effectiveness and range of available transdermal drug delivery systems are expected to encourage their use to treat chronic conditions globally.

Distribution Channel: Proliferation of transdermal patches on eCommerce platforms

The offline distribution of transdermal patches primarily encompasses brick-and-mortar pharmacies, hospitals, clinics, and specialty drug stores. These patches are classified as pharmaceutical products; they are subject to stringent regulations and controls in terms of distribution. Offline channels offer the advantage of accessibility, with the added value of professional guidance from pharmacists and healthcare providers. This personal interaction is instrumental for products such as transdermal patches, which may require patient education on correct usage. Online distribution of transdermal patches has been on the rise, fueled by the growth in eCommerce and telemedicine services. This channel provides convenience and often reduces costs for consumers. Online pharmacies and health product marketplaces have become increasingly popular, offering a discreet and time-efficient way for patients to obtain their medication. Online platforms usually have broader stock availability and provide detailed product information, reviews, and comparison tools.

End Users: Increasing prescription of transdermal patches in hospitals

Clinics serve as an invaluable interface for these patches, mainly due to their minimal requirement for clinical supervision. The predominance of minor ailments and less complex health conditions in clinics makes using transdermal patches feasible. They are especially effective in ambulatory care where long-term drug delivery is necessary, such as hormonal dysfunctions or chronic pain management. In-home care settings, transdermal patches cater to patients requiring continuous medication in the comfort of their home environment. Homebound patients or those preferring home care settings, including the elderly, find these patches advantageous due to the non-invasive application, the consistency of dosage, and the convenience of not managing multiple medications. Transdermal patches enable the continuation of treatment even in the absence of a healthcare provider. In hospitals, transdermal patches find utility for both inpatient and outpatient care. They offer reliable and controlled medication delivery for critical and chronic health conditions. They also facilitate easier medication schedules for inpatients, reducing a healthcare provider's burden.

Application: Expanding use of transdermal patches for hormonal therapy

Hormonal therapy through transdermal patches is a significant advancement in endocrine treatments. These patches administer hormones such as estrogen or testosterone directly through the skin into the bloodstream, which helps maintain consistent blood levels. They are commonly used in hormone replacement therapy (HRT) for menopause symptom management, including hot flashes and osteoporosis prevention, and in androgen replacement therapy for conditions such as hypogonadism in men. Transdermal patches for overactive bladder (OAB) significantly improve patient's quality of life by providing a discreet and easy-to-use administration method for anticholinergic drugs. These patches reduce symptoms such as urinary frequency, urgency, and incontinence associated with OAB. The extended-release of

medication from the patch ensures a stable and consistent therapeutic effect, minimizing the need for multiple daily doses and reducing systemic side effects. The management of chronic pain has benefited immensely from transdermal drug delivery. Patches containing analgesics, such as nonsteroidal anti-inflammatory drugs (NSAIDs), opioids, or lidocaine, provide localized or systemic pain relief. This modality allows for continuous delivery of analgesics over hours or days, which is particularly advantageous for patients requiring consistent pain management and those with difficulty with oral administration or experience substantial gastrointestinal side effects from oral analgesics. Transdermal nicotine patches help manage withdrawal symptoms and cravings associated with smoking cessation. Nicotine patches are available in various doses, allowing users to reduce their nicotine intake gradually. The controlled release of nicotine through the patch also mitigates the high peaks and troughs of nicotine blood levels that are with smoking, leading to a smoother cessation process.

Product: Significant penetration of Multi-layer Drug-in-Adhesive patches

The nicotine transdermal system is an established therapeutic option for tobacco cessation. It mitigates withdrawal symptoms and cravings in individuals attempting to quit smoking through the controlled release of nicotine without the harmful by-products of tobacco combustion. This system has demonstrated efficacy in improving long-term smoking abstinence rates and is considered an efficient pharmacotherapy for nicotine dependency, a chronic condition with significant health repercussions. Analgesic transdermal patches provide targeted and sustained pain relief, a critical component in the management of chronic pain conditions, including arthritis and neuropathic pain. Opioid patches containing drugs such as fentanyl offer potent analgesia for severe, intractable pain, usually in cancer patients. Non-opioid options, such as lidocaine patches, are used for localized symptoms, offering the advantage of minimal systemic side effects and reduced risk of dependence. Hormone Replacement Therapy (HRT) patches are used primarily for the treatment of menopausal symptoms and the prevention of osteoporosis. They are preferred by some patients over oral forms due to consistent blood concentration levels and reduced first-pass metabolism, minimizing potential side effects. Estrogen patches have significantly contributed to the quality of women experiencing postmenopausal symptoms. Antihypertensive transdermal patches release medication that helps control high blood pressure, a common chronic condition that can lead to cardiovascular disease if left unmanaged. These patches provide a steady absorption rate and maintain consistent plasma drug concentration, thereby avoiding blood pressure fluctuations. They are a viable option for patients with difficulties with oral dosing schedules, ensuring better compliance with treatment regimens. Emerging technologies in transdermal glucose management have shown potential for non-invasive blood sugar monitoring and insulin delivery, revolutionizing diabetes management. These technologies promise a convenient and painless alternative to conventional finger-prick tests and injections, potentially enhancing adherence to therapy and improving glycemic control for those with diabetes.

Technology: Utilization of chemical enhancers to improve transdermal patch efficacy

Chemical enhancers are components incorporated into patch formulations to improve the solubility and permeability of drug molecules through the skin. These enhancers disrupt the

skin's lipid matrix, aiding drug diffusion. Electric current or iontophoresis is a non-invasive method that implements a small electric charge to deliver a medicine or other chemical through the skin. It enhances drug penetration by electrophoretically moving ions across the skin, introducing the drug directly into the systemic circulation. This bypasses the detriments of first-pass metabolism, ensuring higher drug bioavailability. Mechanical arrays are a transdermal delivery system featuring arrays of minuscule needles that painlessly create microchannels in the skin's outer layer. These pathways enable an enhanced transportation of drugs directly into the dermis, assisting in delivering both small and macromolecular drugs. Innovative designs have evolved to improve user comfort while maintaining high drug absorption through the skin. Thermal ablation is used for enhancing drug delivery through the skin. This technique uses mild heat to create microscopic pores in the stratum corneum, temporarily increasing its permeability. This method is paired with other technologies, such as microneedles or chemical enhancers, synergistically increasing patch efficiency and patient compliance.

Regional Insights:

The transdermal patches market is developing in the Americas owing to the advanced healthcare infrastructure, high healthcare expenditure, increasing prevalence of chronic diseases, and the presence of key market players actively involved in developing new transdermal technologies. Favorable regulatory policies and a strong focus on research and development activities contribute to the transdermal patch market's growth in the Americas. Europe is another crucial market for transdermal patches owing to the increasing geriatric population with chronic conditions requiring convenient medication delivery options such as transdermal patches. Governments and healthcare organizations across Europe have been advocating for cost-effective treatment methods consistent with an at-home healthcare trend, significantly driving the need for self-administered therapies such as transdermal patches. Health infrastructure and economic developments are improving the accessibility and adoption of transdermal patches by end-users in the Middle East and Africa region. The Asia-Pacific region is emerging as the fastest-growing market for transdermal patches due to increasing healthcare awareness and the growing need for chronic disease management. Improvements in healthcare infrastructure and rising income levels are forecasted to support the growth of the transdermal patches market in the APAC region.

FPNV Positioning Matrix:

The FPNV Positioning Matrix is essential for assessing the Transdermal Patches Market. It provides a comprehensive evaluation of vendors by examining key metrics within Business Strategy and Product Satisfaction, allowing users to make informed decisions based on their specific needs. This advanced analysis then organizes these vendors into four distinct quadrants, which represent varying levels of success: Forefront (F), Pathfinder (P), Niche (N), or Vital(V).

Market Share Analysis:

The Market Share Analysis offers an insightful look at the current state of vendors in the

Transdermal Patches Market. By comparing vendor contributions to overall revenue, customer base, and other key metrics, we can give companies a greater understanding of their performance and what they are up against when competing for market share. The analysis also sheds light on just how competitive any given sector is about accumulation, fragmentation dominance, and amalgamation traits over the base year period studied.

Key Company Profiles:

The report delves into recent significant developments in the Transdermal Patches Market, highlighting leading vendors and their innovative profiles. These include AbbVie Inc., AdhexPharma SAS, ALVOGEN, Amneal Pharmaceuticals, Inc., Bayer AG, BioNxt Solutions Inc., Bliss GVS Pharma Ltd., Boehringer Ingelheim International GmbH, Corium, Inc., Corsair Pharma, Inc., DifGen Pharmaceuticals LLC, Endo International plc, Gedeon Richter Plc, GlaxoSmithKline Plc, Icure Pharmaceutical Inc., Johnson & Johnson Services, Inc., LAVIPHARM GROUP HOLDING S.A., Luye Pharma Group Ltd, Medherant Limited, Nitto Denko Corporation, Novartis AG, Noven Pharmaceuticals, Inc. by Hisamitsu Pharmaceutical Co., Inc., Nutriband Inc, Perrigo Company plc, ProSolus, Inc., Purdue Pharma L.P., Sparsha Pharma International Pvt Ltd, Tapemark by LTS Lohmann Therapie-Systeme AG, Teikoku Seiyaku Co., Ltd., Tesa SE by Beiersdorf AG, Teva Pharmaceutical Industries Ltd., UCB S.A., Viatris Inc., and Zydus Group.

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Market Segmentation & Coverage:

This research report categorizes the Transdermal Patches Market in order to forecast the revenues and analyze trends in each of following sub-markets:

Based on Product, market is studied across Matrix, Multi-layer Drug-in-Adhesive, Reservoir, and Single-layer Drug-in-Adhesive. The Single-layer Drug-in-Adhesive commanded largest market share of 29.81% in 2022, followed by Matrix.

Based on Type, market is studied across Buprenorphine Transdermal Patch, Clonidine Transdermal Patch, Fentanyl Transdermal Patch, Nicotine Transdermal Patch, and Oxybutynin Transdermal Patch. The Buprenorphine Transdermal Patch commanded largest market share of 38.27% in 2022, followed by Fentanyl Transdermal Patch.

Based on Technology, market is studied across Chemical Enhancers, Electric Current, Mechanical Arrays, and Thermal Ablation. The Mechanical Arrays commanded largest market share of 42.18% in 2022, followed by Chemical Enhancers.

Based on Application, market is studied across Hormonal Therapy, Overactive Bladder, Pain Relief, and Smoking Reduction & Cessation Aid. The Pain Relief commanded largest market share

of 41.09% in 2022, followed by Smoking Reduction & Cessation Aid.

Based on Distribution Channel, market is studied across Offline and Online. The Offline commanded largest market share of 82.62% in 2022, followed by Online.

Based on End Users, market is studied across Clinics, Home Care Settings, and Hospitals. The Hospitals commanded largest market share of 62.58% in 2022, followed by Home Care Settings.

Based on Region, market is studied across Americas, Asia-Pacific, and Europe, Middle East & Africa. The Americas is further studied across Argentina, Brazil, Canada, Mexico, and United States. The United States is further studied across California, Florida, Illinois, New York, Ohio, Pennsylvania, and Texas. The Asia-Pacific is further studied across Australia, China, India, Indonesia, Japan, Malaysia, Philippines, Singapore, South Korea, Taiwan, Thailand, and Vietnam. The Europe, Middle East & Africa is further studied across Denmark, Egypt, Finland, France, Germany, Israel, Italy, Netherlands, Nigeria, Norway, Poland, Qatar, Russia, Saudi Arabia, South Africa, Spain, Sweden, Switzerland, Turkey, United Arab Emirates, and United Kingdom. The Americas commanded largest market share of 39.52% in 2022, followed by Europe, Middle East & Africa.

Key Topics Covered:

1. Preface
2. Research Methodology
3. Executive Summary
4. Market Overview
5. Market Insights
6. Transdermal Patches Market, by Product
7. Transdermal Patches Market, by Type
8. Transdermal Patches Market, by Technology
9. Transdermal Patches Market, by Application
10. Transdermal Patches Market, by Distribution Channel
11. Transdermal Patches Market, by End Users
12. Americas Transdermal Patches Market
13. Asia-Pacific Transdermal Patches Market
14. Europe, Middle East & Africa Transdermal Patches Market
15. Competitive Landscape
16. Competitive Portfolio
17. Appendix

The report provides insights on the following pointers:

1. Market Penetration: Provides comprehensive information on the market offered by the key players
2. Market Development: Provides in-depth information about lucrative emerging markets and

analyzes penetration across mature segments of the markets

3. Market Diversification: Provides detailed information about new product launches, untapped geographies, recent developments, and investments

4. Competitive Assessment & Intelligence: Provides an exhaustive assessment of market shares, strategies, products, certification, regulatory approvals, patent landscape, and manufacturing capabilities of the leading players

5. Product Development & Innovation: Provides intelligent insights on future technologies, R&D activities, and breakthrough product developments

The report answers questions such as:

1. What is the market size and forecast of the Transdermal Patches Market?

2. Which are the products/segments/applications/areas to invest in over the forecast period in the Transdermal Patches Market?

3. What is the competitive strategic window for opportunities in the Transdermal Patches Market?

4. What are the technology trends and regulatory frameworks in the Transdermal Patches Market?

5. What is the market share of the leading vendors in the Transdermal Patches Market?

6. What modes and strategic moves are considered suitable for entering the Transdermal Patches Market?

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