

Global Transdermal Drug Delivery Market Trends and Drivers, Restraints, and Opportunities 2017-2023

<https://marketpublishers.com/r/G22A206FFECEN.html>

Date: November 2017

Pages: 85

Price: US\$ 2,750.00 (Single User License)

ID: G22A206FFECEN

Abstracts

Transdermal Drug Delivery Market – Global Drivers, Restraints, Opportunities, Trends, and Forecasts: 2017–2023

Overview: Transdermal drug delivery system (TDDS) is an independent, distinct dosage form of drug applied to intact skin to deliver the drug at a meticulous rate to the blood. The transdermal route of governing the drugs is known to be one of the budding route for indigenous and systemic drug delivery process.

The first transdermal drug delivery system, Transderm-SCOP received US FDA approval in the year 1979 for the stoppage of nausea and vomiting. Since then the technology has greatly developed. The first-generation transdermal drug delivery majorly involved delivery of small, lipophilic, and uncharged molecules by passive diffusion technology. Maximum products that are currently available in the market belong to this generation. However, development of technology has led to the use of chemical enhancers and other energy-based techniques such as ultrasound to enhance the permeation of the drug through the skin. They belong to the second generation of transdermal products. The delivery of lidocaine is done by an iontophoretic delivery system, which was developed and marketed during this generation. A third generation of delivery systems are the ones that are currently under development including microneedles and electroporation to deliver macromolecules.

Market Analysis: The “Global Transdermal Drug Delivery Market” is estimated to witness a CAGR of 9.5% during the forecast period 2017–2023. The Transdermal Drug Delivery market is analyzed based on four segments – Product Type, Technology, Drug Type, and Regions.

Regional Analysis: The regions covered in the report are North America, Europe, Asia Pacific, and Rest of the World (RoW). In the North American region, the US is set to be the leading country. The Europe is set to be the second leading region and holds more than 26.3% of the market share in 2016. In Asia Pacific, India, Japan, and China is one of the most attractive countries for the players and holds huge business opportunities. RoW is set to be an emerging market in the next 5-6 years.

Technology Analysis: Based on the technology types, the market is segmented into Passive and Active transdermal technology. At present the market is dominated by passive technology. However, the advent of novel technology for enhancing the permeation of drugs through skin the skin is driving the market growth. Hence the highest growth rate is expected to be in witnessed in the active transdermal drug delivery technology.

Product Types Analysis: The product types covered in the report are Patches and Gels. Transdermal Patches are likely to continue to dominate the market by 2023. Stringent regulatory approval and high cost of the transdermal drug delivery systems represents as the major challenge the growth of transdermal drug delivery market. The market is expected to be on a positive year on year growth rate, as the increase in chronic diseases prevalence and expanded application areas of the technology is expected during the forecast period.

Key Players: 3M, Boehringer Ingelheim, Johnson and Johnson, Mylan N.V., Novartis, and GlaxoSmithKline, are the key players in the market. Echo Therapeutics Inc., Noven Pharmaceuticals, Transdermal Corp, Actavis, Bayer, and Corium International, are the other key players in the market.

Competitive Analysis: The transdermal drug delivery market is highly lucrative. Many players are developing advanced technology products and if involved in expanding the application areas of these drug delivery systems. In 2017, Nemauro Pharma, a UK-based company has developed Memspatch, to increase the penetration rate of gel by three-times faster than the ones that are already available in the market. Apart from this the major players in the market are collaborating with other major players in the market. For instance, In January 2017, 3M Drug Delivery Systems entered into collaboration with Panacea Pharmaceuticals, Inc. to deliver a new therapeutic cancer vaccine directly to the dermis through the 3M Hollow Microstructure Transdermal System (hMTS).

Benefits: The report provides complete details about the usage and adoption rate of transdermal drug delivery in various therapeutic verticals and regions. With that, key

stakeholders can know about the major trends, drivers, investments, and vertical player's initiatives. Moreover, the report provides details about the major challenges that are going to impact on the market growth. Additionally, the report gives the complete details about the key business opportunities to key stakeholders to expand their business and capture the revenue in the specific verticals to analyze before investing or expanding the business in this market.

Key Stakeholders:

Contents

1 INDUSTRY OUTLOOK

- 1.1 Industry Overview
- 1.2 Industry Trends
- 1.3 Total Addressable Market

2 REPORT OUTLINE

- 2.1 Report Scope
- 2.2 Report Summary
- 2.3 Research Methodology
- 2.4 Report Assumptions

3 MARKET SNAPSHOT

- 3.1 Market Definition – Infoholic Research
- 3.2 Segmented Addressable Market
 - 3.2.1 Components of Transdermal Patch
 - 3.2.2 Advantages of Transdermal Drug Delivery
 - 3.2.3 Disadvantages of Transdermal Drug Delivery
 - 3.2.4 Diseases Treated by Transdermal Drug Delivery Systems
 - 3.2.5 Trends in Transdermal Drug Delivery Market
- 3.3 Related Markets
 - 3.3.1 Active Pharmaceutical Ingredients
 - 3.3.2 Pulmonary Drug Delivery Systems
 - 3.3.3 Injectable Drug Delivery Systems

4 MARKET OUTLOOK

- 4.1 Overview
- 4.2 Market Segmentation
- 4.3 Porter 5(Five) Forces
- 4.4 PEST Analysis

5 MARKET CHARACTERISTICS

- 5.1 Market Dynamics

5.1.1 Drivers

5.1.1.1 Increasing aging population

5.1.1.2 Growing patient base of chronic diseases

5.1.1.3 Increasing demand for transdermal drug delivery

5.1.2 Opportunities

5.1.2.1 Increased healthcare spending

5.1.2.2 Increasing clinical trials and product launches

5.1.3 Restraints

5.1.3.1 Side effects of transdermal drug delivery

5.1.3.2 Delivery limitation through skin

5.1.3.3 Availability of alternative drug delivery systems

5.2 DRO – Impact Analysis

5.3 Key Stakeholders

6 TYPES: MARKET SIZE AND ANALYSIS

6.1 Overview

6.2 Patches

6.3 Gels

7 TECHNOLOGY: MARKET SIZE AND ANALYSIS

7.1 Overview

7.2 Passive

7.3 Active

7.3.1 Thermal Technology

7.3.2 Ultrasound Devices

7.3.3 Electrical Techniques

7.3.4 Mechanical Methods

7.3.5 Velocity-based Devices

8 DRUG TYPES: MARKET SIZE AND ANALYSIS

8.1 Overview

8.2 Fentanyl

8.3 Nicotine Transdermal Patch

8.4 Nitroglycerin Transdermal Patch

8.5 Clonidine Transdermal Patch

8.6 Estradiol

8.7 Testosterone

8.8 Others

9 REGIONS: MARKET SIZE AND ANALYSIS

9.1 Overview

9.2 North America

9.2.1 Overview

9.3 Europe

9.3.1 Overview

9.4 Asia Pacific

9.4.1 Overview

9.5 Rest of the World

9.5.1 Overview

10 COMPETITIVE LANDSCAPE

11 VENDOR PROFILES

11.1 Novartis AG

11.1.1 Overview

11.1.2 Business Units

11.1.3 Geographic Revenue

11.1.4 Business Focus

11.1.5 SWOT Analysis

11.1.6 Business Strategies

11.2 3M

11.2.1 Overview

11.2.2 Business Units

11.2.3 Geographic Revenue

11.2.4 Business Focus

11.2.5 SWOT Analysis

11.2.6 Business Strategies

11.3 Johnson & Johnson (Janssen Pharmaceuticals Inc.)

11.3.1 Overview

11.3.2 Business Units

11.3.3 Geographic Revenue

11.3.4 Business Focus

11.3.5 SWOT Analysis

- 11.3.6 Business Strategies
- 11.4 GlaxoSmithKline plc
 - 11.4.1 Overview
 - 11.4.2 Business Units
 - 11.4.3 Geographic Revenue
 - 11.4.4 Business Focus
 - 11.4.5 SWOT Analysis
 - 11.4.6 Business Strategies
- 11.5 Boehringer Ingelheim GmbH
 - 11.5.1 Overview
 - 11.5.2 Business Units
 - 11.5.3 Geographic Revenue
 - 11.5.4 Business Focus
 - 11.5.5 SWOT Analysis
 - 11.5.6 Business Strategies
- 11.6 Mylan N.V.
 - 11.6.1 Overview
 - 11.6.2 Business Units
 - 11.6.3 Geographic Revenue
 - 11.6.4 Business Focus
 - 11.6.5 SWOT Analysis
 - 11.6.6 Business Strategies

12 COMPANIES TO WATCH FOR

- 12.1 Echo Therapeutics, Inc.
 - 12.1.1 Overview
 - 12.1.2 Highlights
- 12.2 Noven Pharmaceuticals, Inc.
 - 12.2.1 Overview
 - 12.2.2 Highlights
- 12.3 Transdermal Corp.
 - 12.3.1 Overview
- 12.4 Bayer AG
 - 12.4.1 Overview
- 12.5 Actavis, Inc.
 - 12.5.1 Overview
- 12.6 Corium International, Inc.
 - 12.6.1 Overview

Annexure
Abbreviations

?

Tables

Table 1 TRANSDERMAL DRUG DELIVERY MARKET REVENUE BY REGIONS, 2016–2023 (\$MILLION)

Table 2 PROMINENT VENDORS IN THE MARKET

Table 3 NOVARTIS AG: OFFERINGS

Table 4 NOVARTIS AG: RECENT DEVELOPMENTS

Table 5 3M: OFFERINGS

Table 6 3M: RECENT DEVELOPMENTS

Table 7 JOHNSON & JOHNSON: PRODUCT OFFERINGS

Table 8 JOHNSON & JOHNSON: RECENT DEVELOPMENTS

Table 9 GLAXOSMITHKLINE PLC: OFFERINGS

Table 10 GLAXOSMITHKLINE PLC: RECENT DEVELOPMENTS

Table 11 BOEHRINGER INGELHEIM GMBH: OFFERINGS

Table 12 BOEHRINGER INGELHEIM GMBH: RECENT DEVELOPMENTS

Table 13 MYLAN N.V.: OFFERINGS

Table 14 MYLAN N.V.: RECENT DEVELOPMENTS

Table 15 ECHO THERAPEUTICS, INC.: OVERVIEW

Table 16 NOVEN PHARMACEUTICALS, INC.: OVERVIEW

Table 17 TRANSDERMAL CORP.: OVERVIEW

Table 18 BAYER AG: OVERVIEW

Table 19 BAYER AG: RECENT DEVELOPMENTS

Table 20 ACTAVIS, INC.: OVERVIEW

Table 21 CORIUM INTERNATIONAL, INC.: OVERVIEW

Table 22 CORIUM INTERNATIONAL, INC.: RECENT DEVELOPMENTS

?

Charts

Chart 1 RESEARCH METHODOLOGY OF GLOBAL TRANSDERMAL DRUG DELIVERY MARKET

Chart 2 GLOBAL TRANSDERMAL DRUG DELIVERY MARKET REVENUE, 2016–2023 (\$MILLION)

Chart 3 SEGMENTATION OF GLOBAL TRANSDERMAL DRUG DELIVERY MARKET

Chart 4 PORTER 5 FORCES OF TRANSDERMAL DRUG DELIVERY MARKET

Chart 5 PEST ANALYSIS OF TRANSDERMAL DRUG DELIVERY MARKET

Chart 6 MARKET DYNAMICS – DRO ANALYSIS

Chart 7 DRO – IMPACT ANALYSIS OF GLOBAL TRANSDERMAL DRUG DELIVERY MARKET

Chart 8 KEY STAKEHOLDERS

Chart 9 TRANSDERMAL DRUG DELIVERY MARKET SHARE BY TYPES SEGMENTATION, 2016 VS 2023 (%)

Chart 10 TRANSDERMAL DRUG DELIVERY PATCHES MARKET REVENUE BY TYPES SEGMENTATION, 2016–2023 (\$MILLION)

Chart 11 TRANSDERMAL DRUG DELIVERY GELS MARKET REVENUE BY TYPES SEGMENTATION, 2016–2023 (\$MILLION)

Chart 12 TRANSDERMAL DRUG DELIVERY MARKET SHARE BY TECHNOLOGY SEGMENTATION, 2016 (%)

Chart 13 TRANSDERMAL DRUG DELIVERY MARKET SHARE BY DRUG TYPE, 2016 (%)

Chart 14 TRANSDERMAL DRUG DELIVERY MARKET SHARE BY REGIONAL SEGMENTATION, 2016 VS 2023 (%)

Chart 15 TRANSDERMAL DRUG DELIVERY MARKET REVENUE IN NORTH AMERICA, 2016–2023 (\$MILLION)

Chart 16 TRANSDERMAL DRUG DELIVERY MARKET REVENUE IN EUROPE, 2016–2023 (\$MILLION)

Chart 17 TRANSDERMAL DRUG DELIVERY MARKET REVENUE IN ASIA PACIFIC, 2016–2023 (\$MILLION)

Chart 18 TRANSDERMAL DRUG DELIVERY MARKET REVENUE IN REST OF THE WORLD, 2016–2023 (\$MILLION)

Chart 19 NOVARTIS AG: OVERVIEW SNAPSHOT

Chart 20 NOVARTIS AG: BUSINESS UNITS

Chart 21 NOVARTIS AG: GEOGRAPHIC REVENUE

Chart 22 NOVARTIS AG: SWOT ANALYSIS

Chart 23 3M: OVERVIEW SNAPSHOT

Chart 24 3M: BUSINESS UNITS

Chart 25 3M: GEOGRAPHIC REVENUE

Chart 26 3M: SWOT ANALYSIS

Chart 27 JOHNSON & JOHNSON: OVERVIEW SNAPSHOT

Chart 28 JOHNSON & JOHNSON: BUSINESS UNITS

Chart 29 JOHNSON & JOHNSON: GEOGRAPHIC REVENUE

Chart 30 JOHNSON & JOHNSON: SWOT ANALYSIS

Chart 31 GLAXOSMITHKLINE PLC: OVERVIEW SNAPSHOT
Chart 32 GLAXOSMITHKLINE PLC: BUSINESS UNITS
Chart 33 GLAXOSMITHKLINE PLC: GEOGRAPHIC REVENUE
Chart 34 GLAXOSMITHKLINE PLC: SWOT ANALYSIS
Chart 35 BOEHRINGER INGELHEIM GMBH: OVERVIEW SNAPSHOT
Chart 36 BOEHRINGER INGELHEIM GMBH: BUSINESS UNITS
Chart 37 BOEHRINGER INGELHEIM GMBH: GEOGRAPHIC REVENUE
Chart 38 BOEHRINGER INGELHEIM GMBH: SWOT ANALYSIS
Chart 39 MYLAN N.V. OVERVIEW SNAPSHOT
Chart 40 MYLAN N.V.: BUSINESS SEGMENTS
Chart 41 MYLAN N.V.: GEOGRAPHIC REVENUE
Chart 42 MYLAN N.V.: SWOT ANALYSIS

I would like to order

Product name: Global Transdermal Drug Delivery Market Trends and Drivers, Restraints, and Opportunities 2017-2023

Product link: <https://marketpublishers.com/r/G22A206FFECEN.html>

Price: US\$ 2,750.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G22A206FFECEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

