

Tuberous Sclerosis Complex (TSC) - Market Insights, Epidemiology and Market Forecast-2027

<https://marketpublishers.com/r/TB3932C1C36EN.html>

Date: October 2018

Pages: 118

Price: US\$ 6,250.00 (Single User License)

ID: TB3932C1C36EN

Abstracts

This report can be delivered to the clients within 24 Hours

DelveInsight's 'Tuberous Sclerosis Complex (TSC) - Market Insights, Epidemiology and Market Forecast-2027' report delivers an in-depth understanding of the disease, historical & forecasted epidemiology as well as the market trends of TSC in the United States, EU5 (Germany, Spain, Italy, France and United Kingdom), and Japan.

The Report provides the current treatment practices, emerging drugs having the potential to get launched in the forecast period, market share of the individual therapies, current and forecasted market size of Tuberous Sclerosis Complex (TSC) from 2016 to 2027 segmented by seven major markets. The Report also covers current treatment practice/algorithm, market drivers, market barriers and unmet medical needs to curate best of the opportunities and assess underlying potential of the market.

Geography Covered

The United States

EU5 (Germany, France, Italy, Spain and the United Kingdom)

Japan

Study Period: 2016-2027

Tuberous Sclerosis Complex (TSC) - Disease Understanding and Treatment Algorithm

The DelveInsight Tuberous Sclerosis Complex (TSC) market report gives the thorough understanding of the Tuberous Sclerosis Complex (TSC) by including details such as disease definition, classification, symptoms, etiology, pathophysiology, diagnostic trends. It also provides treatment algorithms and treatment guidelines for Tuberous Sclerosis Complex (TSC) in the US, Europe, and Japan.

Tuberous Sclerosis Complex (TSC) Epidemiology

The Tuberous Sclerosis Complex (TSC) epidemiology division provide the insights about historical and current patient pool and forecasted trend for every 7 major countries. It helps to recognize the causes of current and forecasted trends by exploring numerous studies and views of key opinion leaders. This part of the DelveInsight report also provides the diagnosed patient pool and their trends along with assumptions undertaken.

The disease epidemiology covered in the report provides historical as well as forecasted epidemiology (total prevalent cases, De novo mutations cases and Familiar Cases) scenario of Tuberous Sclerosis Complex (TSC) in the 7MM covering United States, EU5 countries (Germany, Spain, Italy, France and United Kingdom) and Japan from 2016-2027.

According to DelveInsight, the total prevalent population of Tuberous Sclerosis Complex (TSC) was found to be 101,399, in the year 2016.

Tuberous Sclerosis Complex (TSC) Drug Chapters

This segment of the Tuberous Sclerosis Complex (TSC) report encloses the detailed analysis of marketed drugs and late stage (Phase-III and Phase-II) pipeline drugs. It also helps to understand the clinical trial details, expressive pharmacological action, agreements and collaborations, approval and patent details, advantages and disadvantages of each included drug and the latest news and press releases.

At present, mTOR inhibitors are frequently used as an effective medication to treat various manifestations of tuberous sclerosis. Afinitor/Votubia is the only approved mTOR inhibitor for Subependymal Giant Cell Astrocytomas, Seizures and Angiomyolipomas treatment of patients who are not eligible for surgery. Detailed chapter of upcoming therapies such as Epidiolex (GW Pharmaceuticals) and TAK-935 (Takeda Pharmaceutical Company Limited) have also been covered in the report.

Tuberous Sclerosis Complex (TSC) Market Outlook

The Tuberous Sclerosis Complex (TSC) market outlook of the report helps to build the detailed comprehension of the historic, current and forecasted trend of the market by analyzing the impact of current therapies on the market, unmet needs, drivers and barriers and demand of better technology.

This segment gives a through detail of market trend of each marketed drug and late-stage pipeline therapy by evaluating their impact based on annual cost of therapy, inclusion and exclusion criteria, mechanism of action, compliance rate, growing need of the market, increasing patient pool, covered patient segment, expected launch year, competition with other therapies, brand value, their impact on the market and view of the key opinion leaders. The calculated market data are presented with relevant tables and graphs to give a clear view of the market at first sight.

According to DelveInsight, the market of Tuberous Sclerosis Complex (TSC) in 7MM was found to be USD 372 million in 2016.

Tuberous Sclerosis Complex (TSC) Drugs Uptake

This section focusses on the rate of uptake of the potential drugs recently launched in the market or will get launched in the market during the study period from 2016-2027. The analysis covers market uptake by drugs; patient uptake by therapies and sales of each drug.

This helps in understanding the drugs with the most rapid uptake, reasons behind the maximal use of new drugs and allows the comparison of the drugs on the basis of market share and size which again will be useful in investigating factors important in market uptake and in making financial and regulatory decisions.

Tuberous Sclerosis Complex (TSC) Report Insights

Patient Population

Therapeutic Approaches

Pipeline Analysis

Market Size and Trends

Market Opportunities

Impact of upcoming Therapies

Tuberous Sclerosis Complex (TSC) Report Key Strengths

10 Year Forecast

7MM Coverage

Epidemiology Segmentation

Drugs Uptake

Highly Analyzed Market

Key Cross Competition

Tuberous Sclerosis Complex (TSC) Report Assessment

Current Treatment Practices

Unmet Needs

Detailed Pipeline Product Profiles

Market Attractiveness

Market Drivers and Barriers

Key Benefits

This DelveInsight report will help to develop Business Strategies by understanding the trends shaping and driving Tuberous Sclerosis Complex

(TSC) market

Organize sales and marketing efforts by identifying the best opportunities for Tuberous Sclerosis Complex (TSC) market

To understand the future market competition in the Tuberous Sclerosis Complex (TSC) market.

Contents

1. KEY INSIGHTS

2. TUBEROUS SCLEROSIS COMPLEX (TSC) MARKET OVERVIEW AT A GLANCE

2.1. Market Share (%) Distribution of TSC in 2017

2.2. Market Share (%) Distribution of TSC in 2027

3. DISEASE OVERVIEW: TUBEROUS SCLEROSIS COMPLEX (TSC)

3.1. Introduction

3.2. Clinical Manifestations of Tuberous Sclerosis Complex

3.3. Etiology

3.4. Risk Factors

3.5. Inheritance Pattern

3.6. Signs and Symptoms

3.7. Pathophysiology

3.7.1. Tuberous Sclerosis Complex (TSC) Genotype Analysis

3.8. Diagnosis

3.8.1. Differential Diagnosis

3.8.2. Diagnostic Criteria

3.8.3. Diagnostic Recommendations

4. EPIDEMIOLOGY AND PATIENT POPULATION

4.1. Key Findings

4.2. Population and Forecast Parameters

5. 7MM TOTAL PREVALENT PATIENT POPULATION OF TUBEROUS SCLEROSIS COMPLEX

6. COUNTRY WISE-EPIDEMIOLOGY OF TUBEROUS SCLEROSIS COMPLEX

6.1. United States

6.1.1. Prevalent Population of Tuberous Sclerosis Complex in the United States

6.1.2. Familial Prevalent Cases of Tuberous Sclerosis Complex

6.1.3. De novo mutations Prevalent Cases of Tuberous Sclerosis Complex

6.2. Germany

- 6.2.1. Prevalent Population of Tuberous Sclerosis Complex in Germany
- 6.2.2. Familiar Prevalent Cases of Tuberous Sclerosis Complex
- 6.2.3. De novo mutations Prevalent Cases of Tuberous Sclerosis Complex
- 6.3. France
 - 6.3.1. Prevalent Population of Tuberous Sclerosis Complex in France
 - 6.3.2. Familiar Prevalent Cases of Tuberous Sclerosis Complex
 - 6.3.3. De novo mutations Prevalent Cases of Tuberous Sclerosis Complex
- 6.4. Italy
 - 6.4.1. Prevalent Population of Tuberous Sclerosis Complex in Italy
 - 6.4.2. Familiar Prevalent Cases of Tuberous Sclerosis Complex
 - 6.4.3. De novo mutations Prevalent Cases of Tuberous Sclerosis Complex
- 6.5. Spain
 - 6.5.1. Prevalent Population of Tuberous Sclerosis Complex in Spain
 - 6.5.2. Familiar Prevalent Cases of Tuberous Sclerosis Complex
 - 6.5.3. De novo mutations Prevalent Cases of Tuberous Sclerosis Complex
- 6.6. United Kingdom
 - 6.6.1. Prevalent Population of Tuberous Sclerosis Complex in the UK
 - 6.6.2. Familiar Prevalent Cases of Tuberous Sclerosis Complex
 - 6.6.3. De novo mutations Prevalent Cases of Tuberous Sclerosis Complex
- 6.7. Japan
 - 6.7.1. Prevalent Population of Tuberous Sclerosis Complex in Japan
 - 6.7.2. Familiar Prevalent Cases of Tuberous Sclerosis Complex
 - 6.7.3. De novo mutations Prevalent Cases of Tuberous Sclerosis Complex

7. CURRENT TREATMENT PRACTICES

- 7.1. Therapeutic Goals
- 7.2. General Treatment Practices
- 7.3. Treatment Algorithm
- 7.4. Treatment Guidelines
 - 7.4.1. International Tuberous Sclerosis Complex Consensus Conference: Tuberous Sclerosis Complex Surveillance and Management: Recommendations

8. UNMET NEEDS

9. MARKETED DRUGS

- 9.1. Comparison of Marketed Drugs
- 9.2. Everolimus: Novartis Pharmaceuticals

- 9.2.1. Product Description
- 9.2.2. Mechanism of Action
- 9.2.3. Regulatory Milestones
- 9.2.4. Safety and Efficacy
- 9.2.5. Side effects
- 9.2.6. Product Profile
- 9.3. Rapalimus: Nobelpharma Co., Ltd
 - 9.3.1. Product Description
 - 9.3.2. Mechanism of Action
 - 9.3.3. Regulatory Milestones
 - 9.3.4. Safety and Efficacy
 - 9.3.5. Side effects
 - 9.3.6. Product Profile

10. EMERGING THERAPIES

- 10.1. Emerging Therapies: Key Cross Comparison
- 10.2. Epidiolex: GW Pharmaceuticals
 - 10.2.1. Drug Description
 - 10.2.2. Regulatory Milestones
 - 10.2.3. Other Development Activities
 - 10.2.4. Clinical Development
 - 10.2.5. Clinical Trials Information
 - 10.2.6. Product Profile
- 10.3. TAK-935: Takeda Pharmaceutical Company Limited
 - 10.3.1. Drug Description
 - 10.3.2. Other Development Activities
 - 10.3.3. Clinical Development
 - 10.3.4. Clinical Trials Information
 - 10.3.5. Product Profile

11. TUBEROUS SCLEROSIS COMPLEX: 7 MAJOR MARKET ANALYSIS

- 11.1. Key Findings
- 11.2. Market Size of Tuberous Sclerosis Complex in 7MM

12. MARKET OUTLOOK BY COUNTRY

13. THE UNITED STATES: MARKET OUTLOOK

13.1. United States Market Size

13.1.1. Total Market size of Tuberous Sclerosis Complex

13.1.2. Tuberous Sclerosis Complex Market by Therapies

14. EU-5 COUNTRIES: MARKET OUTLOOK

14.1. Germany

14.1.1. Total Market size of Tuberous Sclerosis Complex

14.1.2. Tuberous Sclerosis Complex Market by Therapies

14.2. France

14.2.1. Total Market size of Tuberous Sclerosis Complex

14.2.2. Tuberous Sclerosis Complex Market by Therapies

14.3. United Kingdom

14.3.1. Total Market size of Tuberous Sclerosis Complex

14.3.2. Tuberous Sclerosis Complex Market by Therapies

14.4. Spain

14.4.1. Total Market size of Tuberous Sclerosis Complex

14.4.2. Tuberous Sclerosis Complex Market by Therapies

14.5. Italy

14.5.1. Total Market size of Tuberous Sclerosis Complex

14.5.2. Tuberous Sclerosis Complex Market by Therapies

14.6. Japan: Market Outlook

14.6.1. Total Market size of Tuberous Sclerosis Complex

14.6.2. Tuberous Sclerosis Complex Market by Therapies

15. MARKET DRIVERS

16. MARKET BARRIERS

17. APPENDIX

17.1. Report Methodology

18. DELVEINSIGHT CAPABILITIES

19. DISCLAIMER

20. ABOUT DELVEINSIGHT

List Of Tables

LIST OF TABLES

Table 1: Characteristics of TSC1 and TSC2 genes

Table 2: Genotype Analysis of TSC1 and TSC2 genes

Table 3: Mutational Analysis of TSC1 and TSC2 genes

Table 4: Molecular Genetic Testing Used in Tuberous Sclerosis Complex

Table 5: Surveillance Recommendations for Diagnosis of Tuberous Sclerosis Complex

Table 6: Tuberous Sclerosis Association Recommendations for Diagnosis of Tuberous Sclerosis Complex

Table 7: Prevalent Patient Population of Tuberous Sclerosis Complex in the 7MM (2016-2027)

Table 8: Prevalent Cases of Tuberous Sclerosis Complex in the United States (2016-2027)

Table 9: Familiar Prevalent Cases of Tuberous Sclerosis Complex in the United States (2016-2027)

Table 10: De novo mutations Prevalent Cases of Tuberous Sclerosis Complex in the United States (2016-2027)

Table 11: Prevalent Cases of Tuberous Sclerosis Complex in Germany (2016-2027)

Table 12: Familiar Prevalent Cases of Tuberous Sclerosis Complex in Germany (2016-2027)

Table 13: De novo mutations Prevalent Cases of Tuberous Sclerosis Complex in Germany (2016-2027)

Table 14: Prevalent Cases of Tuberous Sclerosis Complex in France (2016-2027)

Table 15: Familiar Prevalent Cases of Tuberous Sclerosis Complex in France (2016-2027)

Table 16: De novo mutations Prevalent Cases of Tuberous Sclerosis Complex in France (2016-2027)

Table 17: Prevalent Cases of Tuberous Sclerosis Complex in Italy (2016-2027)

Table 18: Familiar Prevalent Cases of Tuberous Sclerosis Complex in Italy (2016-2027)

Table 19: De novo mutations Prevalent Cases of Tuberous Sclerosis Complex in Italy (2016-2027)

Table 20: Prevalent Cases of Tuberous Sclerosis Complex in Spain (2016-2027)

Table 21: Familiar Prevalent Cases of Tuberous Sclerosis Complex in Spain (2016-2027)

Table 22: De novo mutations Prevalent Cases of Tuberous Sclerosis Complex in Spain (2016-2027)

Table 23: Prevalent Cases of Tuberous Sclerosis Complex in UK (2016-2027)

Table 24: Familiar Prevalent Cases of Tuberous Sclerosis Complex in UK (2016-2027)

Table 25: De novo mutations Prevalent Cases of Tuberous Sclerosis Complex in UK (2016-2027)

Table 26: Prevalent Cases of Tuberous Sclerosis Complex in Japan (2016-2027)

Table 27: Familiar Prevalent Cases of Tuberous Sclerosis Complex in Japan (2016-2027)

Table 28: De novo mutations Prevalent Cases of Tuberous Sclerosis Complex in Japan (2016-2027)

Table 29: Recommendation Categories and Descriptions

Table 30: Class Definitions for Supporting Evidence

Table 31: Surveillance and management recommendations for newly diagnosed or suspected Tuberous Sclerosis Complex (TSC)

Table 32: Surveillance and management recommendations for patients already diagnosed with definite or possible tuberous sclerosis complex (TSC)

Table 33: Epidiolex ,Clinical Trial Description, 2018

Table 34: TAK-935,Clinical Trial Description, 2018

Table 35: 7 Major Market Size of Tuberous Sclerosis Complex in USD Million (2016-2027)

Table 36: United States Market Size of Tuberous Sclerosis Complex in USD Million (2016-2027)

Table 37: United States Tuberous Sclerosis Complex Market by Therapies in USD Million (2016-2027)

Table 38: Germany Market Size of Tuberous Sclerosis Complex in USD Million (2016-2027)

Table 39: Germany Tuberous Sclerosis Complex Market by Therapies in USD Million (2016-2027)

Table 40: France Market Size of Tuberous Sclerosis Complex in USD Million (2016-2027)

Table 41: France Tuberous Sclerosis Complex Market by Therapies in USD Million (2016-2027)

Table 42: United Kingdom Market Size of Tuberous Sclerosis Complex in USD Million (2016-2027)

Table 43: United Kingdom Tuberous Sclerosis Complex Market by Therapies in USD Million (2016-2027)

Table 44: Spain Market Size of Tuberous Sclerosis Complex in USD Million (2016-2027)

Table 45: Spain Tuberous Sclerosis Complex Market by Therapies in USD Million (2016-2027)

Table 46: Italy Market Size of Tuberous Sclerosis Complex in USD Million (2016-2027)

Table 47: Italy Tuberous Sclerosis Complex Market by Therapies in USD Million
(2016-2027)

Table 48: Japan Market Size of Tuberous Sclerosis Complex in USD Million
(2016-2027)

Table 49: Japan Tuberous Sclerosis Complex Market by Therapies in USD Million
(2016-2027)

List Of Figures

LIST OF FIGURES

Figure 1: Clinical Manifestations of Tuberous Sclerosis Complex

Figure 2: Risk Factors for Tuberous Sclerosis Complex

Figure 3: Inheritance Pattern of Tuberous Sclerosis Complex

Figure 4: Signs and Symptoms of Tuberous Sclerosis Complex

Figure 5: Pathophysiology of Tuberous Sclerosis Complex

Figure 6: Prevalent Patient Population of Tuberous Sclerosis Complex in the 7MM (2016-2027)

Figure 7: Prevalent Cases of Tuberous Sclerosis Complex in the United States (2016-2027)

Figure 8: Familiar Prevalent Cases of Tuberous Sclerosis Complex in the United States (2016-2027)

Figure 9: De novo mutations Prevalent Cases of Tuberous Sclerosis Complex in the United States (2016-2027)

Figure 10: Prevalent Cases of Tuberous Sclerosis Complex in Germany (2016-2027)

Figure 11: Familiar Prevalent Cases of Tuberous Sclerosis Complex in Germany (2016-2027)

Figure 12: De novo mutations Prevalent Cases of Tuberous Sclerosis Complex in Germany (2016-2027)

Figure 13: Prevalent Cases of Tuberous Sclerosis Complex in France (2016-2027)

Figure 14: Familiar Prevalent Cases of Tuberous Sclerosis Complex in France (2016-2027)

Figure 15: De novo mutations Prevalent Cases of Tuberous Sclerosis Complex in France (2016-2027)

Figure 16: Prevalent Cases of Tuberous Sclerosis Complex in Italy (2016-2027)

Figure 17: Familiar Prevalent Cases of Tuberous Sclerosis Complex in Italy (2016-2027)

Figure 18: De novo mutations Prevalent Cases of Tuberous Sclerosis Complex in Italy (2016-2027)

Figure 19: Prevalent Cases of Tuberous Sclerosis Complex in Spain (2016-2027)

Figure 20: Familiar Prevalent Cases of Tuberous Sclerosis Complex in Spain (2016-2027)

Figure 21: De novo mutations Prevalent Cases of Tuberous Sclerosis Complex in Spain (2016-2027)

Figure 22: Prevalent Cases of Tuberous Sclerosis Complex in the UK (2016-2027)

Figure 23: Familiar Prevalent Cases of Tuberous Sclerosis Complex in the UK

(2016-2027)

Figure 24: De novo mutations Prevalent Cases of Tuberous Sclerosis Complex in the UK (2016-2027)

Figure 25: Prevalent Cases of Tuberous Sclerosis Complex in Japan (2016-2027)

Figure 26: Familiar Prevalent Cases of Tuberous Sclerosis Complex in Japan (2016-2027)

Figure 27: De novo mutations Prevalent Cases of Tuberous Sclerosis Complex in Japan (2016-2027)

Figure 28: General Treatment Practices of Tuberous Sclerosis Complex

Figure 29: Treatment Algorithm of Tuberous Sclerosis Complex

Figure 30: Unmet Needs of Tuberous Sclerosis Complex

Figure 31: Comparison of Marketed Drugs

Figure 32: Comparison of Emerging Therapies

Figure 33: 7 Major Market Size of Tuberous Sclerosis Complex in USD Million (2016-2027)

Figure 34: Market Size of Tuberous Sclerosis Complex in the United States, USD Millions (2016-2027)

Figure 35: United States Tuberous Sclerosis Complex Market by Therapies in USD Million (2016-2027)

Figure 36: Market Size of Tuberous Sclerosis Complex in Germany, USD Millions (2016-2027)

Figure 37: Germany Tuberous Sclerosis Complex Market by Therapies in USD Million (2016-2027)

Figure 38: Market Size of Tuberous Sclerosis Complex in France USD Millions (2016-2027)

Figure 39: France Tuberous Sclerosis Complex Market by Therapies in USD Million (2016-2027)

Figure 40: Market Size of Tuberous Sclerosis Complex in the United Kingdom, USD Millions (2016-2027)

Figure 41: United Kingdom Tuberous Sclerosis Complex Market by Therapies in USD Million (2016-2027)

Figure 42: Market Size of Tuberous Sclerosis Complex in Spain, USD Millions (2016-2027)

Figure 43: Spain Tuberous Sclerosis Complex Market by Therapies in USD Million (2016-2027)

Figure 44: Market Size of Tuberous Sclerosis Complex in Italy, USD Millions (2016-2027)

Figure 45: Italy Tuberous Sclerosis Complex Market by Therapies in USD Million (2016-2027)

Figure 46: Market Size of Tuberous Sclerosis Complex in the Japan, USD Millions
(2016-2027)

Figure 47: Japan Tuberous Sclerosis Complex Market by Therapies in USD Million
(2016-2027)

Figure 48: Market Drivers

Figure 49: Market Barriers

I would like to order

Product name: Tuberous Sclerosis Complex (TSC) - Market Insights, Epidemiology and Market Forecast-2027

Product link: <https://marketpublishers.com/r/TB3932C1C36EN.html>

Price: US\$ 6,250.00 (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/TB3932C1C36EN.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

