

# Doose Syndrome Market: Epidemiology, Industry Trends, Share, Size, Growth, Opportunity, and Forecast 2024-2034

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## Abstracts

The 7 major doose syndrome markets reached a value of US\$ 687.2 Million in 2023. Looking forward, IMARC Group expects the 7MM to reach US\$ 3,160.7 Million by 2034, exhibiting a growth rate (CAGR) of 14.88% during 2024-2034.

The Doose syndrome market has been comprehensively analyzed in IMARC's new report titled "Doose Syndrome Market: Epidemiology, Industry Trends, Share, Size, Growth, Opportunity, and Forecast 2024-2034". Doose syndrome, also called myoclonic astatic epilepsy (MAE), is a rare form of epilepsy that primarily occurs in children between the ages of 1 and 5 years. It is characterized by a combination of myoclonic, astatic, atonic, and generalized tonic-clonic seizures, which can be accompanied by brief periods of unresponsiveness. The symptoms of this illness vary from child to child but typically include sudden episodes of muscle jerking or spasms, loss of muscle tone leading to falls or drops, and sometimes loss of consciousness. These seizures may occur multiple times a day, significantly impacting a child's development, cognition, and overall quality of life. Diagnosing Doose syndrome can be complex as it requires the exclusion of other forms of epilepsy and careful analysis of the clinical presentation, electroencephalogram (EEG) readings, and the child's medical history. EEG patterns in this condition often show specific abnormalities, such as generalized spike-and-wave discharges or polyspike activity.

The escalating incidence of somatic mutations in the SCN1A gene, which result in the disruption of ion channels in the brain, particularly the cerebral cortex, is primarily driving the Doose syndrome market. Furthermore, the increasing adoption of effective medications, such as valproic acid, benzodiazepines, stiripentol, etc., for managing seizures and reducing their frequency has contributed to a positive market outlook. In

In addition to this, the widespread utilization of ketogenic diets, known for their potential to decrease seizure activity, is bolstering market growth. Moreover, the rising popularity of neurostimulation therapies, including vagus nerve and deep brain stimulation, to control seizures and improve patients' quality of life is acting as another significant growth factor. Besides this, the escalating demand for physical and occupational therapies to enhance muscle strength, coordination, and motor skills in individuals suffering from Doose syndrome is also augmenting the market growth. Furthermore, the growing focus on research and development activities aimed at exploring innovative therapeutic approaches, such as biofeedback techniques, holds substantial promise for the future of the Doose syndrome market. Additionally, the emerging advancements in gene therapy, which targets to correct the underlying genetic abnormalities responsible for the condition, are expected to drive the Doose syndrome market during the forecast period.

IMARC Group's new report provides an exhaustive analysis of the Doose syndrome market in the United States, EU5 (Germany, Spain, Italy, France, and United Kingdom) and Japan. This includes treatment practices, in-market, and pipeline drugs, share of individual therapies, market performance across the seven major markets, market performance of key companies and their drugs, etc. The report also provides the current and future patient pool across the seven major markets. According to the report the United States has the largest patient pool for Doose syndrome and also represents the largest market for its treatment. Furthermore, the current treatment practice/algorithm, market drivers, challenges, opportunities, reimbursement scenario and unmet medical needs, etc. have also been provided in the report. This report is a must-read for manufacturers, investors, business strategists, researchers, consultants, and all those who have any kind of stake or are planning to foray into the Doose syndrome market in any manner.

#### Time Period of the Study

Base Year: 2023

Historical Period: 2018-2023

Market Forecast: 2024-2034

#### Countries Covered

United States

Germany

France

United Kingdom

Italy

Spain

Japan

### Analysis Covered Across Each Country

Historical, current, and future epidemiology scenario

Historical, current, and future performance of the Dooose syndrome market

Historical, current, and future performance of various therapeutic categories in the market

Sales of various drugs across the Dooose syndrome market

Reimbursement scenario in the market

In-market and pipeline drugs

Competitive Landscape:

This report also provides a detailed analysis of the current Dooose syndrome marketed drugs and late-stage pipeline drugs.

### In-Market Drugs

Drug Overview

Mechanism of Action

Regulatory Status

Clinical Trial Results

Drug Uptake and Market Performance

### Late-Stage Pipeline Drugs

Drug Overview

Mechanism of Action

Regulatory Status

Clinical Trial Results

Drug Uptake and Market Performance

Key Questions Answered in this Report:

Market Insights

How has the Dooose syndrome market performed so far and how will it perform in the coming years?

What are the markets shares of various therapeutic segments in 2023 and how are they

expected to perform till 2034?

What was the country-wise size of the Dooose syndrome market across the seven major markets in 2023 and what will it look like in 2034?

What is the growth rate of the Dooose syndrome market across the seven major markets and what will be the expected growth over the next ten years?

What are the key unmet needs in the market?

## Epidemiology Insights

What is the number of prevalent cases (2018-2034) of Dooose syndrome across the seven major markets?

What is the number of prevalent cases (2018-2034) of Dooose syndrome by age across the seven major markets?

What is the number of prevalent cases (2018-2034) of Dooose syndrome by gender across the seven major markets?

How many patients are diagnosed (2018-2034) with Dooose syndrome across the seven major markets?

What is the size of the Dooose syndrome patient pool (2018-2023) across the seven major markets?

What would be the forecasted patient pool (2024-2034) across the seven major markets?

What are the key factors driving the epidemiological trend of Dooose syndrome?

What will be the growth rate of patients across the seven major markets?

## Dooose Syndrome: Current Treatment Scenario, Marketed Drugs and Emerging Therapies

What are the current marketed drugs and what are their market performance?

What are the key pipeline drugs and how are they expected to perform in the coming years?

How safe are the current marketed drugs and what are their efficacies?

How safe are the late-stage pipeline drugs and what are their efficacies?

What are the current treatment guidelines for Dooose syndrome drugs across the seven major markets?

Who are the key companies in the market and what are their market shares?

What are the key mergers and acquisitions, licensing activities, collaborations, etc. related to the Dooose syndrome market?

What are the key regulatory events related to the Dooose syndrome market?

What is the structure of clinical trial landscape by status related to the Dooose syndrome

market?

What is the structure of clinical trial landscape by phase related to the Doose syndrome market?

What is the structure of clinical trial landscape by route of administration related to the Doose syndrome market?

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