

# Epiomic Epidemiology Series: Prader-Willi Syndrome Forecast in 9 Major Markets 2016-2026

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## **Abstracts**

Prader-Willi syndrome (PWS) is a genetic disease caused by the loss of function of several genes in a particular region of chromosome 15, affecting many parts of the body. These genes provide instructions for making molecules called small nucleolar RNAs (snRNAs) which have a variety of functions, including helping to regulate other types of RNA molecules in infancy.

This report provides the current prevalent population for Prader-Willi disease across 9 Major Markets (USA, France, Germany, Italy, Spain, UK, Brazil, Japan and India) split by gender and 5-year age cohort. Along with the current prevalence, the report also contains a disease overview of the risk factors, disease diagnosis and prognosis along with specific variations by geography and ethnicity.

Providing a value-added level of insight from the analysis team at Black Swan, several of the main symptoms and co-morbidities of Prader-Willi disease have been quantified and presented alongside the overall prevalence figures. These sub-populations within the main disease are also included at a country level across the 10-year forecast snapshot.

Main symptoms and co-morbidities for Prader-Willi disease include:

Cardiovascular Problems

Obstructive sleep apnoea and respiratory disorders

Diabetes Type II



#### Autism Spectrum Disorder Behavioural Characteristics

Seizures

Hip dysplasia

Scoliosis

This report is built using data and information sourced from the proprietary Epiomic patient segmentation database. To generate accurate patient population estimates, the Epiomic database utilises a combination of several world class sources that deliver the most up to date information from patient registries, clinical trials and epidemiology studies. All of the sources used to generate the data and analysis have been identified in the report.

#### Reason to buy

Able to quantify patient populations in global Prader-Willi disease's market to target the development of future products, pricing strategies and launch plans.

Gain further insight into the prevalence of the subdivided types of Prader-Willi disease and identify patient segments with high potential.

Delivery of more accurate information for clinical trials in study sizing and realistic patient recruitment for various countries.

Provide a level of understanding on the impact from specific co-morbid conditions on Prader-Willi disease's prevalent population.

Identify sub-populations within Prader-Willi disease which require treatment.

Gain an understanding of the specific markets that have the largest number Prader-Willi disease patients.



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