# Epiomic Epidemiology Series: Rotavirus Group A Forecast for selected Asian Markets 2017-2027

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## Abstracts

Rotavirus is a contagious virus that can cause gastroenteritis (inflammation of the stomach and intestines). Symptoms include severe watery diarrhoea, often with vomiting, fever, and abdominal pain.

Rotavirus infects and damages the cells that line the small intestine, causing gastroenteritis. It is the most frequent cause of diarrhoea in young children, worldwide.

Although eight distinct groups of rotavirus have been identified (A, B, C, D, E, F, G and H), Rotavirus Group A is the most common species affecting humans. Group A rotaviruses are then typed on the basis of the variability in the genes encoding the 2 outer capsid proteins (VP7 and VP4) into 15 'G' and 26 'P' genotypes, respectively. This results in potentially > 300 different rotavirus A strains in Group A.

This report provides the current incident population for Rotavirus for Selected Asian Markets (Cambodia, Indonesia, Lao PDR and Viet Nam) split by gender and 5-year age cohort. Along with the current incidence, 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 of Rotavirus have been quantified and presented alongside the overall incidence figures. These sub-populations within the main disease are also included at a country level across the 10-year forecast snapshot.

Rotavirus is transmitted via the faecal-oral route either by direct contact with an infected individual. According to the CDC, rotavirus can be spread by contact with contaminated:

Hands

Objects (toys, surfaces)

Food

Water

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 Rotavirus market to target the development of future products, pricing strategies and launch plans.

Gain further insight into the incidence of the subdivided types of Roravirus 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.

Identify sub-populations within Rotavirus which require treatment.

Gain an understanding of the specific markets that have the largest number of Rotavirus patients.

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