

## Report Information

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# Klinefelter Syndrome Treatment Market Research Report - Global Forecast till 2030

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## Description:

## Klinefelter Syndrome Treatment Market Scenario:

The klinefelter syndrome treatment market is projected to reach USD 1.54 Billion by 2030 at 3.96% CAGR during the forecast period 2022-2030.

Klinefelter syndrome is a rare genetic condition that can be seen when a boy is born with an extra copy of the X chromosome. It is a common genetic condition affecting males. This syndrome adversely affects testicular growth, and this can result in smaller than normal testicles. Hence this led to lower production of the sex hormone testosterone. Klinefelter syndrome may cause reduced muscle mass, reduced body and facial hair, and enlarged breast tissue. The effects of Klinefelter syndrome vary, and is a very rare condition, not everyone with it develops with these symptoms. According to the National Human Genome Research Institute, Klinefelter syndrome is found in about 1 out of every 500 to 1,000 new born males.

According to the researchers of national human research institutes, the Klinefelter syndrome condition cannot be diagnosed easily, due to its unidentifiable symptoms and signs among males. The signs of this condition are different and also gets overlap with symptoms of other health disorders. Due to this, various healthcare organizations such as the NIH and FDA are increasing their awareness regarding this health disorder, by stressing the parents to conduct all kinds of health check-ups to identify this disease. This syndrome can be prevented if detected at early stage and also can be prevented from development. Moreover, the awareness among the population reading this syndrome is also increasing.

In February 2016, Lupin Pharmaceuticals, Inc. launched a testosterone topical solution in the U.S. for males, who are suffering from hormone deficiencies.

However certain factors that can hamper the growth of this market in near future are adverse side effect of the drugs, shortage of treatment facilities and alternative treatment plans.

### Segmentation:

klinefelter syndrome treatment market is segmented into treatment and end-users. Based on treatment type the market is further segmented into testosterone replacement therapy,

Fertility treatment breast tissue removal and others. Fertility treatment is further sub-segmented into surgeries and hormone treatments.

On basis of end-user market is further segmented into hospital and clinics, ambulatory surgeries, medical research centres, academic institutes others.

The market has been segmented, by region, into the Americas, Europe, Asia-Pacific, and the Middle East & Africa. The klinefelter syndrome treatment market in the Americas has further been segmented into North America and South America, with the North American market divided into the US and Canada. US account for the largest share of traumatic brain injury market.

The European klinefelter syndrome treatment market has been segmented into Western Europe and Eastern Europe. Western Europe has further been classified as Germany, France, the UK, Italy, Spain, and the rest of Western Europe.

The klinefelter syndrome treatment market in Asia-Pacific has been segmented into Japan, China, India, South Korea, Australia, and the rest of Asia-Pacific.

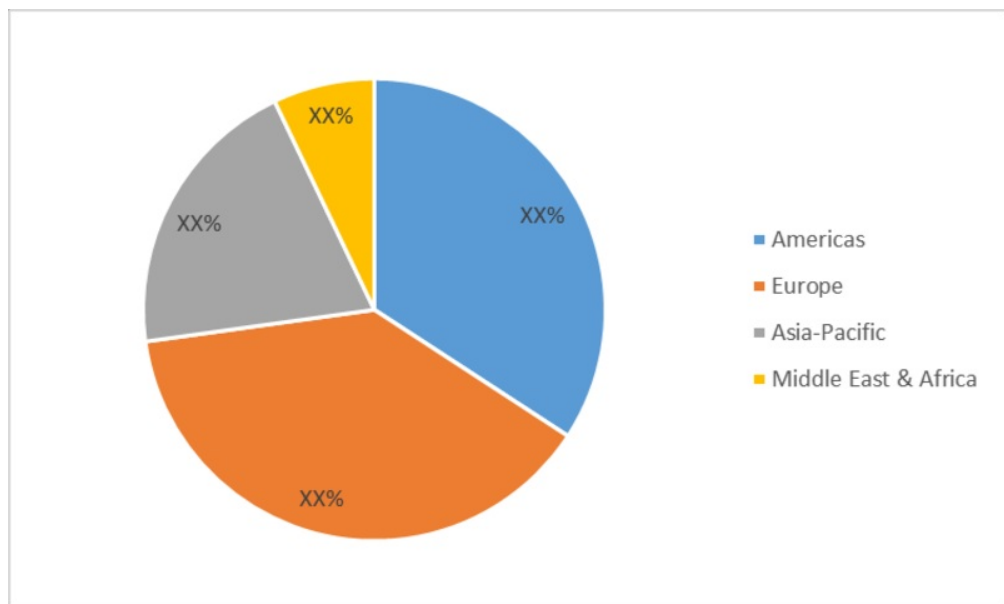
The klinefelter syndrome treatment market in the Middle East & Africa has been segmented into the Middle East and Africa.

### Key players:

Some of the key players in the klinefelter syndrome treatment market is Allergan plc, AbbVie, Inc., Endo Pharmaceuticals, Inc., Kyowa Kirin International plc, Eli Lilly and Company, Mylan N.V., Lupin Pharmaceuticals, Pfizer, Inc.

### Regional Market Summary:

#### Klinefelter Syndrome Treatment Market Share (%), by Region, 2017



Source: Food and Drug Administration (FDA), Centers for Disease Control and Prevention (CDC), American association of neurological surgeon

Geographically, the North America dominates the market share for klinefelter syndrome treatment market and the reason being many market players are engaged in development of new drug product innovation, high presence of treatment centres for this disorder and increasing awareness among people. Approximately 3000 affected boys are born each year in the United States with this syndrome and about 3% of the infertile male population have Klinefelter syndrome.

Europe is expected to be the second largest market in the globe owing to the increasing aging population, increasing prevalence of this syndrome and increasing research base. Whereas rise in susceptible immune compromised patient population is responsible for market growth in this region. According to Europe PMC report the prevalence rate of KS in males in 2017 with breast cancer was found to be 7.5 per cent, a much higher rate than previously reported (approximately 3 per cent)

Asia-Pacific is anticipated to be the fastest growing market owing to the changing lifestyle, increase in population, increasing awareness among people regarding this disorder and increasing healthcare expenditure by government are some of the factor responsible for market growth in this region.

#### **klinefelter syndrome treatment market, by Treatment**

Testosterone Replacement Therapy Fertility Treatment

- Surgeries
- Hormone Treatments
- Others

Breast Tissue Removal Others

#### **klinefelter syndrome treatment market, by End-Users**

- Hospital and Clinics
- Ambulatory Surgeries
- Medical Research Centers
- Academic Institutes
- Others

#### **klinefelter syndrome treatment market, by Region**

Americas North America

- US
- Canada

South America Europe Western Europe

- Germany
- France
- Italy

- Spain
- UK

#### Rest of Western Europe

- Eastern Europe

#### Asia Pacific

- Japan
- China
- India
- Australia
- Republic of Korea
- Rest of Asia Pacific

#### Middle East & Africa

- Middle East
- Africa

#### Klinefelter syndrome treatment market, by Key Players

- Lupin Pharmaceuticals
- Allergan plc
- AbbVie, Inc
- Endo Pharmaceuticals, Inc.
- Kyowa Kirin International plc
- Eli Lilly and Company
- Pfizer, Inc.
- Mylan N.V.

#### Intended Audience

- Manufacturers and Suppliers
- Hospitals and Clinics
- Laboratories and Associations
- Research Institutes

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