Global Infertility Market Information; By Sex (Males, Females And Unexplained), By Diagnosis (Men Diagnostic Tests (Semen Analysis, Genetic Testing, Testicular Biopsy, And Other) And Women Diagnostic Tests (Hysteroscopy, Laparoscopy, Ovulation Testing, Hysterosalpingography And Others)) And General Diagnostic Tests (Genetic Testing, Hormone Testing, Microscopic Analysis, Imaging, And Others), By Drugs (Clomiphene Citrate, Letrozole, Serophene, Hormone Treatment And Others), By Techniques (Assisted Reproductive Technology (Art), Intrauterine Insemination, And Surgery (Laparoscopic Or Hysteroscopic Surgery, Tubal Surgeries And Others) And Others) - Forecast To 2023

Infertility Market Scenario:

Infertility is the condition of inability to reproduce or to carry a pregnancy to full term. The most common conditions include deficiencies in semen or egg production such as poor quality and sperm motility, lower hormonal levels, abnormal ejaculation and even psychological conditions.

According to Centers for Disease Control and Prevention about 6 % of married women ageing 15 to 44 years in the United States are unable to get pregnant after one year of unprotected intercourse. About 12 % of women aged 15 to 44 years in the United States have difficulty getting pregnant or carrying a pregnancy to term. Numerous studies revealed that up to 15 percent of couples are unable to conceive during the first 12 months of unprotected intercourse and about 8 % even after 24 months of unprotected intercourse. Male Infertility treatment accounts for about 50 % of the cases and the reasons for these cannot be determined in about 50 % of cases. About 8 % to 15 % of men suffer from complete lack of sperm. The Centers for Disease Control and Prevention figures further reveal that 20 to 30 % of infertility results from male infertility, and 20 to 35 % are due to female infertility.

The market drivers for global infertility market are growth in risk factors such as sedentary lifestyles, increasing age at marriage, substance abuse, environmental factors, genetic abnormalities, stress, obesity, prostate cancer, varicocele and others.

The most common cause of female infertility is ovulatory problems, irregular or absent menstrual periods while, deficiencies in the semen, while semen quality is the most common reason for male infertility. The restraints on the market include high cost of the treatment, side effects of the drug therapy and social taboos for Infertility treatment.

The market for infertility was valued at 11.2 billion in 2016, which is expected to grow at a CAGR of 4.6 % during the forecast period ending 2023.

Figure 1  Global Infertility Market by Models, 2016 (% Market Share)
Segments:
To gauge an accurate market potentiality, the report offers a segmental analysis of the market on the basis of sex, diagnosis, drugs, techniques, and regions. Based on the sex, the market is segmented into males, females, and unexplained. Based on the diagnosis, the market is segmented into men diagnostic tests (semen analysis, genetic testing, testicular biopsy, and other), women diagnostic tests (hysteroscopy, laparoscopy, ovulation testing, hysterosalpingography, and others), and general diagnostic tests (genetic testing, hormone testing, microscopic analysis, imaging, and others). Based on drugs, the market is segmented into clomiphene citrate, letrozole, serophene, hormone treatment, and others. Based on techniques, the market is segmented by assisted reproductive technology (ART), intrauterine insemination, and surgery. The surgery segment is further subsegmented by laparoscopic or hysteroscopic surgery and tubal surgeries and others. Based on regions, the market is segmented into North America, Europe, Asia Pacific, Middle East, and Africa.

Regional analysis
US accounts for the maximum market share of the global infertility market attributed to increasing pool of awareness, high income, good reimbursement scenario, and others. Europe led by Germany, France, and the U.K. is expected to be the second-largest market. Advancing technologies within the infertility treatment is driving the market and will see strategic growth over the next five years. Asia Pacific is expected to be the fastest-growing market which is expected to be dominated by China, and India owing to huge population with unmet needs and also because the rate of male infertility is highest in South Asia. The Middle East and Africa market is expected to be led by Saudi Arabia, UAE, Kuwait, and Qatar.

Key players of Global Male Infertility treatment Market:
Key players profiled in the report are Halotech DNA, SCSA Diagnostics, Inc., Andrology Solutions, Zydus Cadila Healthcare Ltd, Androvia LifeSciences, Aetna Inc., Bayer Healthcare, EMD Serono, Inc., and others.

The report for Global Infertility Market by Market Research Future comprises of extensive primary research along with the detail analysis of qualitative as well as quantitative aspects by various industry experts, key opinion leaders to gain a deeper insight of the market and industry performance. The report gives a clear picture of current market scenario, which includes past and estimated future market size with respect to value and volume, technological advancement, macro economical and governing factors in the market. The report provides detail information about and strategies used by top key players in the industry. The report also gives a broad study of the different market segments and regions.

Research methodology
Study objectives

- To provide detail analysis of the market structure along with estimated future growth forecast for the next 6 years about various segments and sub-segments of the global infertility market.
- To provide insights about factors affecting the market growth.
- To analyze the global infertility market based on various factors - price analysis, supply chain analysis, porters five force analysis etc.
- To provide past and estimated future revenue of the market's segments and sub-segments with respect to four main geographies and their countries - Americas, Europe, Asia-Pacific along with Middle East & Africa.
- To provide country level analysis of the market with respect to the current market size and future growth prospect.
- To provide country level analysis of the market's segments which includes by products, and by application.
- To provide overview of key players and their strategic profiling in the market, comprehensively analyzing their core competencies and drawing a competitive landscape of the market.
- To track and analyze developments which are competitive in nature such as joint ventures, strategic alliances, mergers and acquisitions, new disease developments along with research and developments currently taking place in the global infertility market.

Intended Audience
- Global infertility providers, manufacturers & suppliers
- Research and development (R&D) companies
- Market research and consulting service providers
- Academic institutes and universities