

LAMEA Male Infertility Market By Treatment (Assisted Reproductive Technology & Varicocele Surgery and Medication), By Test (DNA Fragmentation Technique, Oxidative Stress Analysis, Computer Assisted Semen Analysis, Microscopic Examination, Sperm Agglutination, Sperm Penetration Assay and Other Tests), By Country, Industry Analysis and Forecast, 2020 - 2026

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# **Abstracts**

The Latin America, Middle East and Africa Male Infertility Market would witness market growth of 8.5% CAGR during the forecast period (2020-2026).

Elements of adult and gender identity can never be realized in infertile individuals due to the loss of pregnancy, childbirth, and lack of family and generational continuity and inclusiveness within their wider community. High levels of clinically relevant symptoms of depression and anxiety, suicidal thoughts, and a heavy conceptualization of grief impact infertile individuals. Mental health and psychosocial problems and resources need to address key factors of depression, such as poverty, sexual abuse, and infertility.

Growing rates of infertility worldwide and the introduction of assisted reproductive technologies (ARTs) are expected to push the demand for male infertility in the coming years. ARTs address a wide variety of infertility therapies that provide remedies for males facing issues such as reduced sperm count, irregular sperm quality, and poor motility. In addition, ARTs deliver a high success rate compared to drugs. The demand for male infertility is expected to see substantial development in the future due to technical developments in the area of assisted reproductive technology.

Tobacco smoke contains approximately 4,000 compounds, like alkaloids, nitrosamines,



and inorganic molecules, and some of these are reactive oxygen or nitrogen species. A positive and significant association has been identified between active smoking and sperm DNA fragmentation and also axonemal damage. Smoking is often associated with a decreased sperm count. Smoking is considered to enhance spermatogenesis by increasing the production of norepinephrine, which increases the conversion of testosterone to estrogen causing decreased testosterone levels.

Based on Treatment, the market is segmented into Assisted Reproductive Technology & Varicocele Surgery and Medication. Based on Test, the market is segmented into DNA Fragmentation Technique, Oxidative Stress Analysis, Computer Assisted Semen Analysis, Microscopic Examination, Sperm Agglutination, Sperm Penetration Assay and Other Tests. Based on countries, the market is segmented into Brazil, Argentina, UAE, Saudi Arabia, South Africa, Nigeria, and Rest of LAMEA.

The market research report covers the analysis of key stake holders of the market. Key companies profiled in the report include Sanofi S.A., Bayer AG, Cadila Healthcare Ltd. (Zydus Cadila), Endo International PLC, Aytu BioScience, Inc., Vitrolife AB, SCSA Diagnostics, Inc., Andrology Solutions Limited, Halotech DNA SL, and Intas Pharmaceutical Ltd.

Scope of the Study

Market Segmentation:

By Treatment

Assisted Reproductive Technology & Varicocele Surgery and

Medication

By Tests

DNA Fragmentation Technique

Oxidative Stress Analysis

Computer Assisted Semen Analysis



Microscopic Examination

Sperm Agglutination
Sperm Penetration Assay and
Other Tests
By Country
Brazil
Argentina
UAE
Saudi Arabia
South Africa
Nigeria
Rest of LAMEA
Open anice Brefiled
Companies Profiled
Sanofi S.A.
Bayer AG
Cadila Healthcare Ltd. (Zydus Cadila)
Endo International PLC
Aytu BioScience, Inc.
Vitrolife AB

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SCSA Diagnostics, Inc.

Andrology Solutions Limited

Halotech DNA SL

Intas Pharmaceutical Ltd.

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