

UAE Regenerative Medicine Market, By Type (Cell Therapy, Gene Modification, Tissue Engineering, Others), By Application (Bone Graft Substitutes, Osteoarticular Diseases, Dermatology, Cardiovascular Diseases, Others), By End User (Academic v/s Commercial), By Region, Competition Forecast & Opportunities, 2027

https://marketpublishers.com/r/U4F9F389A246EN.html

Date: February 2023

Pages: 78

Price: US\$ 4,400.00 (Single User License)

ID: U4F9F389A246EN

# **Abstracts**

UAE regenerative medicine market is anticipated to register growth with an impressive CAGR in the forecast period, 2023-2027, on the account of growing demand for advanced & therapeutic medicines & drugs. A surge in the instances of musculoskeletal ailments and osteoporosis further drives the growth of the UAE regenerative medicine market in the upcoming five years. The growing popularity of stem cell therapy for the treatment of various medical conditions is further supporting the growth of the UAE regenerative medicine market in the next five years.

Regenerative medicines are a class of drugs that help in the process of replacing, engineering, or regenerating human cells or animal cells. The drugs help in restoring the normal functioning of the cells. To restore functions, regenerative medicines stimulate the body's repair system to heal irreparable tissues and organs. Regenerative medicine has the potential that can be used for the artificial generation of tissues and organs in the laboratory that can later be implanted safely in case the body is unable to heal in certain conditions. Various biomedical techniques and clinical therapies are involved with regenerative medicine like cell therapy, immunomodulation therapy, and tissue engineering.

Expanding Pharmaceutical Industry Promises Market Growth



The healthcare industry in the UAE draws large government-based investments as well as funds for the expansion and advancement of the industry. Pharmaceutical industry in the country further benefits from the investments. The imports of pharmaceuticals have been a large source of drugs and therapeutic products in the country in previous years. Although, the country is focused on promoting local manufacturing of pharmaceutical products and therapeutic products, thereby indirectly aiding the growth of the UAE regenerative medicine market in the upcoming five years. The government of UAE estimates that by 2027, the pharmaceutical demand in the country may exceed over 5 million in Dubai alone.

To tackle the growing demand, the government is ferocious toward planned investment strategies and trying to withhold the growing population of the region. Local manufacturing of pharmaceutical products as a way to satisfy the surging demands and increasing investment in the healthcare infrastructure would facilitate the growth of the pharmaceutical industry and thus the growth of the UAE regenerative medicine market in the next five years.

#### Bio-Medical Advancements Promise Future Growth

The research and development sector in the country is still under development and aspires to gain strength in future years. Lack of resources and technologies are some of the grounds where the country still needs to focus to advance its research segment. Regenerative medicines are advanced pharmaceuticals that undergo consistent research and product development such that better healthcare and patient care services are provided. Biomedical methods like cell therapy, immunomodulation therapy, and tissue engineering are some of the technological advancements in medicine that may drive the future growth of the UAE regenerative medicine market.

Although the government is steady with its investments to expand the R&D sector in the country. In the year 2018, UAE research and development expenditure by the government was 1.27%. This increased investment in these biomedical procedures and their research would further aid the growth of the UAE regenerative medicine market in the next five years.

### Market Segmentation

The UAE regenerative medicine market is segmented by type, application, end-user, competitional landscape, and regional distribution. Based on type, the market is further



segmented into cell therapy, gene modification, tissue engineering, and others. By application, the market is fragmented into bone graft substitutes, osteoarticular diseases, dermatology, cardiovascular diseases, and others. Based on the end user, the market is bifurcated into academic and commercial. The market analysis also studies the regional segmentation to devise regional market segmentation, divided among Abu Dhabi, Dubai, Sharjah, rest of UAE.

## Company Profile

Abu Dhabi Stem Cells Center, Bioscience Clinic Middle East, The RegeneSpine Regenerative Spine and Joint Institute, Novomed UAE, and FIFA Medical Center of Excellence, among others, are a partial list of major market players of the companies responsible for the growth of UAE regenerative medicine market.

### Report Scope:

In this report, UAE regenerative medicine market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

UAE Regenerative Medicine Market, By Type:

Cell Therapy

Gene Modification

Tissue Engineering

Others

UAE Regenerative Medicine Market, By Application:

Bone Graft Substitutes

Osteoarticular Diseases

Dermatology

Cardiovascular Diseases



**Company Information** 

Others		
UAE Regenerative Medicine Market, By End User:		
Academic		
Commercial		
UAE Regenerative Medicine Market, By Region:		
Abu Dhabi		
Dubai		
Sharjah		
Rest of UAE		
Competitive Landscape		
Company Profiles: Detailed analysis of the major companies present in UAE regenerative medicine market.		
Available Customizations:		
With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:		

Detailed analysis and profiling of additional market players (up to five).



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