

Middle East & Africa Wound Closure Devices Market Size and Forecast (2021 - 2031), Regional Share, Trend, and Growth Opportunity Analysis Report Coverage: By Product (Sutures, Adhesives, Staplers, Strips, and Other Products), Wound Type (Chronic Wound and Acute Wound), and End User (Hospitals, Clinics, Ambulatory Surgery Centers, and Other End Users)

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Abstracts

The wound closure device market in the Middle East and Africa is projected to grow significantly, reaching an estimated US\$ 798.48 million by 2031, up from US\$ 568.35 million in 2024. This growth represents a compound annual growth rate (CAGR) of 5.1% from 2025 to 2031.

Executive Summary and Market Analysis

The market is divided into key regions including Saudi Arabia, the UAE, South Africa, and the broader Middle East and Africa. Several factors are driving the growth of the wound closure device market in this region, including the rising prevalence of chronic diseases and burn injuries, ongoing innovations by market players, an increase in product launches, and initiatives aimed at improving wound care. Additionally, the trend towards home healthcare is also contributing to market expansion.

As the population in the Middle East ages, there is a corresponding rise in chronic conditions such as diabetes, cardiovascular diseases, and orthopedic disorders, all of which often necessitate surgical interventions that require wound closure devices. For

instance, in Egypt, approximately 73 million people are affected by diabetes, a figure expected to rise to 135.7 million by 2045. As of 2021, Egypt's adult population was around 59.4 million, with a diabetes prevalence rate of 18.4%, translating to about 10.9 million adults living with the condition. The increasing number of surgical procedures in countries like Saudi Arabia, the UAE, and Qatar further fuels the demand for advanced wound closure products. Common surgeries such as cesarean sections, cardiac surgeries, orthopedic surgeries, and cosmetic procedures all require effective wound closure solutions to ensure proper healing and minimize complications.

Strategic Insights

The wound closure device market is segmented by product type, wound type, and end use.

By Product: The market includes sutures, adhesives, staplers, strips, and other devices. In 2024, the sutures segment held the largest market share.

By Wound Type: The market is divided into chronic and acute wounds, with chronic wounds accounting for a larger share in 2024.

By End Use: The end-use segment includes hospitals, clinics, ambulatory surgical centers, and others, with hospitals representing the largest share in 2024.

Market Trends

A significant trend in the wound closure device market is the increasing emphasis on minimally invasive techniques. Both healthcare providers and patients are seeking methods that not only speed up healing but also reduce scarring, pain, and recovery time. Advanced products such as adhesives, staplers, and glues are gaining popularity as they can effectively close wounds without traditional suturing. Technological advancements are facilitating faster healing processes with fewer complications, making these alternatives appealing to both patients and healthcare practitioners.

Moreover, the growing adoption of minimally invasive surgical procedures, including laparoscopic and endoscopic techniques, complements the trend towards non-invasive wound closure methods. As patient expectations shift towards quicker recovery times and improved cosmetic outcomes, this trend is expected to continue driving market

growth. Manufacturers are responding to these demands by developing innovative products that align with these needs, further propelling the shift towards minimally invasive solutions.

For example, De Novo Bio Innovations has introduced an automated wound-closure device called SutureSure, designed to significantly reduce the risk of needlestick injuries through its innovative suture cartridges and needle-driving mechanism. Similarly, SUTUREGARD Medical Inc. offers devices aimed at minimizing wound trauma and shortening healing times, thereby enhancing patient outcomes and reducing the overall healthcare burden by requiring fewer resources for post-operative care.

Country Insights

The wound closure device market in the Middle East and Africa includes key countries such as Saudi Arabia, South Africa, the UAE, and others. In 2024, Saudi Arabia held the largest market share. The country has a notably high prevalence of diabetes, with approximately 4.3 million adults affected as of 2022, representing a prevalence rate of 17.7%. The risk of developing diabetic foot ulcers is around 25% for individuals with diabetes, indicating a growing demand for diabetic foot ulcer (DFU) wound care products.

Chronic diseases are a significant health concern in Saudi Arabia, accounting for 73% of total deaths according to a qualitative study published in June 2022. This high incidence of chronic conditions increases the risk of pressure ulcers among the population. To address this, public organizations are launching campaigns to raise awareness about chronic wound care management, and initiatives aimed at enhancing knowledge about home healthcare are being implemented to reduce mortality associated with chronic wounds. These efforts are expected to create future growth opportunities for the wound closure device market.

Company Profiles

Key players in the Middle East and Africa wound closure device market include Healthium Medtech Limited, Advanced Medical Solutions Group plc, Essity AB, Corza Medical GmbH, Futura Surgicare Pvt Ltd, TI Medical, Smith & Nephew Plc, CooperSurgical, Inc, Meril Life Sciences Pvt Ltd, Baxter International Inc, Stryker Corp, 3M Co, Medtronic Plc, Johnson & Johnson, and B Braun SE. These companies are pursuing various strategies such as market expansion, product innovation, and mergers and acquisitions to enhance their offerings and increase market share.

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