

Asia Pacific 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 Asia Pacific wound closure device market is projected to grow significantly, reaching an estimated US\$ 3,555.76 million by 2031, up from US\$ 2,343.83 million in 2024. This growth represents a compound annual growth rate (CAGR) of 6.3% from 2025 to 2031.

Executive Summary and Market Analysis

The market for wound closure devices in the Asia Pacific region is categorized into several key countries, including China, India, Japan, South Korea, Australia, and other nations in the region. The growth of this market is primarily driven by innovations in wound care products and initiatives from public organizations aimed at improving healthcare. Countries like Thailand, India, and Singapore are emerging as significant centers for medical tourism, which is increasing the demand for advanced surgical tools, including wound closure devices. Additionally, the rising incidence of surgeries and chronic conditions such as diabetes and cardiovascular diseases is further propelling the demand for these devices.

Strategic Insights

Market Segmentation Analysis

The Asia Pacific wound closure device market can be segmented based on product type, wound type, and end-use.

By Product: The market is divided into sutures, adhesives, staplers, strips, and other devices. In 2024, sutures are expected to hold the largest market share.

By Wound Type: The market is categorized into chronic wounds 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 dominating the market share in 2024.

Market Outlook

Noncommunicable diseases (NCDs), such as heart disease, stroke, cancer, diabetes, and chronic lung disease, are responsible for 74% of all deaths globally. A significant portion of NCD-related deaths occurs in low- and middle-income countries, highlighting a critical need for effective healthcare solutions. The increasing prevalence of chronic diseases, particularly diabetes and cardiovascular conditions, presents a substantial opportunity for the wound closure devices market. Chronic diseases often lead to complications that require surgical interventions or extended wound care. For example, diabetic patients frequently develop chronic wounds, such as diabetic ulcers, necessitating specialized care and closure devices for effective healing. The number of individuals living with diabetes has surged from 200 million in 1990 to 830 million in 2022, with a more rapid increase in low- and middle-income countries compared to wealthier nations.

Moreover, the rising incidence of trauma cases, including burns, accidents, and injuries, is driving the demand for effective wound care solutions. Trauma is a significant global health concern, resulting in approximately 5.8 million deaths and 40 million permanent injuries annually, with nearly 90% of these fatalities occurring in low- and middle-income countries. Common causes of trauma include road traffic accidents, falls, workplace injuries, and violence, which disproportionately affect younger populations and impose a significant economic burden due to lost productivity and healthcare costs.

Wound closure devices are essential for treating these conditions, as they facilitate

quicker healing, reduce the risk of infection, and improve overall patient outcomes. With an aging population more susceptible to chronic conditions and an increase in trauma cases, healthcare professionals are increasingly favoring advanced wound closure solutions. The interplay between technological innovation in wound care products and the demand for rapid recovery solutions creates a substantial growth opportunity for the market. Companies that focus on innovations tailored to chronic wounds and trauma are likely to capture a larger market share, as the need for effective wound treatment continues to rise globally.

Country Insights

The Asia Pacific wound closure device market includes key countries such as China, Japan, India, Australia, South Korea, and others. China is expected to hold the largest market share in 2024.

The expansion of the wound closure devices market in China is attributed to the country's robust manufacturing and export capabilities. According to the Institute for Health Metrics and Evaluation (IHME), road injuries rank as the fifth leading cause of death, while diabetes is the ninth. These road injuries can lead to chronic wounds that require long-term care. The prevalence of diabetes in China is significant, with 140.9 million cases reported in 2021, accounting for 10.6% of the population, and this number is projected to rise to 164.06 million by 2030. The International Diabetes Federation (IDF) also noted that there were approximately 72.83 million undiagnosed diabetes cases in 2021. New advancements in wound care, such as smart medical dressings developed by researchers in Israel and China, are designed to heal and monitor wounds without the need for sutures, utilizing innovative materials that release antibiotics to prevent infection.

Company Profiles

Key players in the Asia Pacific wound closure device market include Healthium Medtech Limited, Advanced Medical Solutions Group plc, Essity AB, Corza Medical GmbH, Futura Surgicare Pvt Ltd (Dolphin Sutures), 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, among others. These companies are employing various strategies, including expansion, product innovation, and mergers and acquisitions, to enhance their market presence and offer innovative products to consumers.

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