

# North America Antimicrobial Surgical Suture Market Report (2021-2031) by Scope, Segmentation, Dynamics, and Competitive Analysis

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## Abstracts

The North America antimicrobial surgical suture market size is expected to reach US\$ 329.52 million by 2031 from US\$ 159.64 million in 2023. The market is estimated to record a CAGR of 9.6% from 2024–2031.

Executive Summary and North America Antimicrobial Surgical Suture Market Analysis:

The North America antimicrobial surgical sutures market is segmented into the US, Canada, and Mexico. In 2023, the US held the largest share of the market. The increasing focus of market players on manufacturing antimicrobial surgical sutures due to the rise in orthopedic surgeries, plastic surgeries, cardiovascular surgeries, and C-section deliveries drives the antimicrobial surgical sutures market.

North America Antimicrobial Surgical Suture Market Segmentation Analysis:

Key segments that contributed to the derivation of the antimicrobial surgical suture market analysis are type, raw materials, application, and end user.

Based on type, the North America antimicrobial surgical suture market is sub segmented into triclosan antimicrobial suture and chlorhexidine antimicrobial suture. The triclosan antimicrobial suture held a larger share of the market in 2023.

By raw materials, the North America antimicrobial surgical suture market is segmented into polyglactin 910 antimicrobial suture, poliglecaprone 25, and polyglycolic acid. The polyglactin 910 antimicrobial suture segment held the largest share of the market in 2023.

By application, the North America antimicrobial surgical suture market is segmented into cardiovascular surgery, general surgery, ophthalmic surgery, gynecological surgery, orthopedic surgery, plastic surgery, veterinary surgery, dental surgery, and others. The cardiovascular surgery segment held the largest share of the market in 2023.

By end user, the North America antimicrobial surgical suture market is segmented into hospitals, ambulatory surgical centers, and others. The hospitals segment held the largest share of the market in 2023.

### North America Antimicrobial Surgical Suture Market Outlook

According to the American College of Surgeons, ~1–2% of individuals in the world are likely to experience chronic wounds once in their lifetime. Similarly, as per the estimates from the Centers for Disease Control and Prevention (CDC), ~385,000 sharps injuries occur among healthcare workers in the US every year, and the number is likely to reach up to 800,000 injuries within one year. Besides sharp injuries, the number of other types of workplace or occupational injuries is increasing worldwide. According to the International Labor Organization, ~2.3 million people experience work-related injuries every year, affecting their health and quality of life. The soaring burden of chronic wounds eventually propels the demand for advanced wound care management methods to substantially reduce the financial burden from national healthcare systems. Various countries spend significant amounts of money on treating injuries and avoiding associated risks. For instance, in the US, the healthcare system spends over US\$ 25 billion on treating wounds and related complications every year. Therefore, with the increasing incidence of chronic wounds, the demand for antimicrobial surgical sutures is also increasing worldwide.

Further, the number of general, cardiovascular, orthopedic, gynecological, and cancer surgeries performed in healthcare settings is increasing tremendously across the world. According to the data published by Atrial Health in 2023, ~300,000 cardiac surgeries are performed in the US every year. Moreover, the growing geriatric population contributes to severe health conditions (e.g., hernia and cataracts) that require surgeries as a primary treatment option. The geriatric population is prone to CVDs, orthopedic disorders, metabolic disorders, and neurological disorders, among others. According to the WHO, the aging population across the world is likely to rise from ~1 billion in 2019 to ~2.1 billion by 2050. Aesthetic surgeries have also become common among people working in the entertainment industry. These surgeries are performed on patients who have accidental or inherent deformities and on those who wish to make

their appearance more appealing. Therefore, the surging number of surgeries performed in hospitals or similar healthcare institutions is driving the demand for antimicrobial surgical sutures.

### North America Antimicrobial Surgical Suture Market Country Insights

Based on country, the North America antimicrobial surgical suture market comprises the US, Canada, and Mexico. The US held the largest share in 2023.

The US antimicrobial surgical suture market is expected to proliferate owing to the increased production of bakery and confectionery. The increasing surgical procedure and the rising spending on cosmetic or plastic surgeries in the US are propelling the market growth. As per the American Society of Plastic Surgeons, in 2018, US\$ 16.5 Billion was spent on cosmetic procedures in the US. The Mountain/Pacific region in the US is more famous for cosmetic surgeries. More than 1,500,000 surgical cosmetic operations and more than 5,500,000 nonsurgical procedures were carried out in the US.

Cardiovascular diseases (CVDs) and stroke produce immense health burdens in the US. According to the American College of Cardiology's reports, ~800,000 deaths were noted in the United States. The primary cause of death is coronary heart disease, followed by heart stroke and heart failure. However, deaths due to coronary heart disease have declined over the past decade due to the awareness of advanced medical diagnosis, treatments, medical insurance, and reimbursements. Therefore, the rise in medical therapies has led to an increase in cardiovascular, orthopedics, and cosmetic surgeries. This, in turn, will fuel the need for antimicrobial surgical sutures.

### North America Antimicrobial Surgical Suture Market Company Profiles

Some of the key players operating in the market include Advanced MedTech Solutions Pvt. Ltd.; Cencora, Inc. (AmerisourceBergen Corporation); Healthium Medtech Limited; Internacional Farmac?utica SA; Johnson & Johnson; Meril Life Sciences Pvt Ltd; TI Medical; and Unilene among others. These players are adopting various strategies such as expansion, product innovation, and mergers and acquisitions to provide innovative products to their consumers and increase their market share.

### North America Antimicrobial Surgical Suture Market Research Methodology :

The following methodology has been followed for the collection and analysis of data presented in this report:

**Secondary Research** The research process begins with comprehensive secondary research, utilizing both internal and external sources to gather qualitative and quantitative data for each market. Commonly referenced secondary research sources include, but are not limited to:

Company websites , annual reports, financial statements, broker analyses, and investor presentations. Industry trade journals and other relevant publications. Government documents , statistical databases, and market reports. News articles , press releases, and webcasts specific to companies operating in the market. Note: All financial data included in the Company Profiles section has been standardized to USD. For companies reporting in other currencies, figures have been converted to USD using the relevant exchange rates for the corresponding year.

**Primary Research** The Insight Partners' conducts a significant number of primary interviews each year with industry stakeholders and experts to validate its data analysis, and gain valuable insights. These research interviews are designed to:

Validate and refine findings from secondary research. Enhance the expertise and market understanding of the analysis team. Gain insights into market size, trends, growth patterns, competitive dynamics, and future prospects. Primary research is conducted via email interactions and telephone interviews, encompassing various markets, categories, segments, and sub-segments across different regions. Participants typically include:

Industry stakeholders : Vice Presidents, business development managers, market intelligence managers, and national sales managers  
External experts : Valuation specialists, research analysts, and key opinion leaders with industry-specific expertise

Reason to buy

Save and reduce time carrying out entry-level research by identifying the growth, size, leading players, and segments in the North America antimicrobial surgical suture market.

Highlights key business priorities in order to assist companies to realign their business strategies.

The key findings and recommendations highlight crucial progressive trends in

North America antimicrobial surgical suture market, thereby allowing players across the value chain to develop effective long-term strategies.

Develop/modify business expansion plans by using substantial growth offering developed and emerging markets.

Scrutinize in-depth North America market trends and outlook coupled with the factors driving the antimicrobial surgical suture market, as well as those hindering it.

Enhance the decision-making process by understanding the strategies that underpin security interest with respect to client products, segmentation, pricing, and distribution.

## Companies

Advanced MedTech Solutions Pvt. Ltd.

Cencora, Inc. (AmerisourceBergen Corporation)

Healthium Medtech Limited

Internacional Farmaceutica SA

Johnson & Johnson

Meril Life Sciences Pvt Ltd

TI Medical

Unilene

## Contents

### **1. INTRODUCTION**

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

### **2. EXECUTIVE SUMMARY**

- 2.1 Key Insights

### **3. RESEARCH METHODOLOGY**

- 3.1 Secondary Research
- 3.2 Primary Research
  - 3.2.1 Hypothesis formulation:
  - 3.2.2 Macro-economic factor analysis:
  - 3.2.3 Developing base number:
  - 3.2.4 Data Triangulation:
  - 3.2.5 Country level data:

### **4. NORTH AMERICA ANTIMICROBIAL SURGICAL SUTURE MARKET LANDSCAPE**

- 4.1 PEST Analysis

### **5. NORTH AMERICA ANTIMICROBIAL SURGICAL SUTURE MARKET - KEY MARKET DYNAMICS**

- 5.1 Market Drivers:
  - 5.1.1 Surging Prevalence of Surgical Site Infections
  - 5.1.2 Increasing Cases of Chronic Wounds and Surgeries
- 5.2 Market Restraints
  - 5.2.1 Non-invasive Alternatives to Stitches
- 5.3 Market Opportunities
  - 5.3.1 Strategic Initiatives in Antimicrobial Surgical Suture
- 5.4 Future Trends
  - 5.4.1 Smart Antimicrobial Sutures
- 5.5 Impact of Drivers and Restraints:

## **6. ANTIMICROBIAL SURGICAL SUTURE MARKET - NORTH AMERICA ANALYSIS**

6.1 North America Antimicrobial Surgical Suture Market Revenue (US\$ Million), 2021-2031

6.2 North America Antimicrobial Surgical Suture Market Forecast Analysis

## **7. NORTH AMERICA ANTIMICROBIAL SURGICAL SUTURE MARKET ANALYSIS - BY TYPE**

7.1 Triclosan Antimicrobial Suture

7.1.1 Overview

7.1.2 Triclosan Antimicrobial Suture: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

7.2 Chlorhexidine Antimicrobial Suture

7.2.1 Overview

7.2.2 Chlorhexidine Antimicrobial Suture: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

## **8. NORTH AMERICA ANTIMICROBIAL SURGICAL SUTURE MARKET ANALYSIS - BY RAW MATERIALS**

8.1 Polyglactin 910 Antimicrobial Suture

8.1.1 Overview

8.1.2 Polyglactin 910 Antimicrobial Suture: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

8.2 Poliglecaprone 25

8.2.1 Overview

8.2.2 Poliglecaprone 25: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

8.3 Polyglycolic Acid

8.3.1 Overview

8.3.2 Polyglycolic Acid: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

## **9. NORTH AMERICA ANTIMICROBIAL SURGICAL SUTURE MARKET ANALYSIS - BY APPLICATION**

9.1 Cardiovascular Surgery

9.1.1 Overview

9.1.2 Cardiovascular Surgery: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

9.2 General Surgery

9.2.1 Overview

9.2.2 General Surgery: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

9.3 Ophthalmic Surgery

9.3.1 Overview

9.3.2 Ophthalmic Surgery: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

9.4 Gynaecological Surgery

9.4.1 Overview

9.4.2 Gynaecological Surgery: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

9.5 Orthopedic Surgery

9.5.1 Overview

9.5.2 Orthopedic Surgery: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

9.6 Plastic Surgery

9.6.1 Overview

9.6.2 Plastic Surgery: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

9.7 Veterinary Surgery

9.7.1 Overview

9.7.2 Veterinary Surgery: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

9.8 Dental Surgery

9.8.1 Overview

9.8.2 Dental Surgery: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

9.9 Others

9.9.1 Overview

9.9.2 Others: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

## **10. NORTH AMERICA ANTIMICROBIAL SURGICAL SUTURE MARKET ANALYSIS - BY END USER**

10.1 Hospitals

#### 10.1.1 Overview

10.1.2 Hospitals: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

#### 10.2 Ambulatory Surgical Centers

##### 10.2.1 Overview

10.2.2 Ambulatory Surgical Centers: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

#### 10.3 Others

##### 10.3.1 Overview

10.3.2 Others: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

## **11. NORTH AMERICA ANTIMICROBIAL SURGICAL SUTURE MARKET - COUNTRY ANALYSIS**

### 11.1 North America

#### 11.1.1 North America Antimicrobial Surgical Suture Market Overview

11.1.2 North America Antimicrobial Surgical Suture Market - Breakdown, by Key Countries, 2023 and 2031 (%)

11.1.2.1 United States: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

11.1.2.1.1 United States: North America Antimicrobial Surgical Suture Market Breakdown, by Type

11.1.2.1.2 United States: North America Antimicrobial Surgical Suture Market Breakdown, by Raw Materials

11.1.2.1.3 United States: North America Antimicrobial Surgical Suture Market Breakdown, by Application

11.1.2.1.4 United States: North America Antimicrobial Surgical Suture Market Breakdown, by End User

11.1.2.2 Canada: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

11.1.2.2.1 Canada: North America Antimicrobial Surgical Suture Market Breakdown, by Type

11.1.2.2.2 Canada: North America Antimicrobial Surgical Suture Market Breakdown, by Raw Materials

11.1.2.2.3 Canada: North America Antimicrobial Surgical Suture Market Breakdown, by Application

11.1.2.2.4 Canada: North America Antimicrobial Surgical Suture Market Breakdown, by End User

11.1.2.3 Mexico: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

11.1.2.3.1 Mexico: North America Antimicrobial Surgical Suture Market Breakdown, by Type

11.1.2.3.2 Mexico: North America Antimicrobial Surgical Suture Market Breakdown, by Raw Materials

11.1.2.3.3 Mexico: North America Antimicrobial Surgical Suture Market Breakdown, by Application

11.1.2.3.4 Mexico: North America Antimicrobial Surgical Suture Market Breakdown, by End User

## **12. INDUSTRY LANDSCAPE**

12.1 Overview

12.2 Growth Strategies

12.2.1 Overview

12.3 Company Market Share Analysis (%), 2023

## **13. COMPANY PROFILES**

13.1 TI Medical

13.1.1 Key Facts

13.1.2 Business Description

13.1.3 Products and Services

13.1.4 Financial Overview

13.1.5 SWOT Analysis

13.1.6 Key Developments

13.2 Healthium Medtech Limited

13.2.1 Key Facts

13.2.2 Business Description

13.2.3 Products and Services

13.2.4 Financial Overview

13.2.5 SWOT Analysis

13.2.6 Key Developments

13.3 Meril Life Sciences Pvt Ltd

13.3.1 Key Facts

13.3.2 Business Description

13.3.3 Products and Services

13.3.4 Financial Overview

- 13.3.5 SWOT Analysis
- 13.3.6 Key Developments
- 13.4 Unilene
  - 13.4.1 Key Facts
  - 13.4.2 Business Description
  - 13.4.3 Products and Services
  - 13.4.4 Financial Overview
  - 13.4.5 SWOT Analysis
  - 13.4.6 Key Developments
- 13.5 Johnson & Johnson
  - 13.5.1 Key Facts
  - 13.5.2 Business Description
  - 13.5.3 Products and Services
  - 13.5.4 Financial Overview
  - 13.5.5 SWOT Analysis
  - 13.5.6 Key Developments
- 13.6 Cencora, Inc. (AmerisourceBergen Corporation)
  - 13.6.1 Key Facts
  - 13.6.2 Business Description
  - 13.6.3 Products and Services
  - 13.6.4 Financial Overview
  - 13.6.5 SWOT Analysis
  - 13.6.6 Key Developments
- 13.7 Advanced MedTech Solutions Pvt. Ltd.
  - 13.7.1 Key Facts
  - 13.7.2 Business Description
  - 13.7.3 Products and Services
  - 13.7.4 Financial Overview
  - 13.7.5 SWOT Analysis
  - 13.7.6 Key Developments
- 13.8 Internacional Farmaceutica SA
  - 13.8.1 Key Facts
  - 13.8.2 Business Description
  - 13.8.3 Products and Services
  - 13.8.4 Financial Overview
  - 13.8.5 SWOT Analysis
  - 13.8.6 Key Developments

## **14. APPENDIX**

14.1 About The Insight Partners

14.2 Glossary of Terms

## List Of Tables

### LIST OF TABLES

- Table 1. North America Antimicrobial Surgical Suture Market Segmentation
- Table 2. North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)
- Table 3. United States: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031(US\$ Million) - by Type
- Table 4. United States: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031(US\$ Million) - by Raw Materials
- Table 5. United States: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031(US\$ Million) - by Application
- Table 6. United States: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031(US\$ Million) - by End User
- Table 7. Canada: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031(US\$ Million) - by Type
- Table 8. Canada: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031(US\$ Million) - by Raw Materials
- Table 9. Canada: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031(US\$ Million) - by Application
- Table 10. Canada: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031(US\$ Million) - by End User
- Table 11. Mexico: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031(US\$ Million) - by Type
- Table 12. Mexico: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031(US\$ Million) - by Raw Materials
- Table 13. Mexico: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031(US\$ Million) - by Application
- Table 14. Mexico: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031(US\$ Million) - by End User
- Table 15. Recent Growth Strategies in North America Antimicrobial Surgical Suture Market
- Table 16. Glossary of Terms, Antimicrobial Surgical Suture Market

## List Of Figures

### LIST OF FIGURES

Figure 1. North America Antimicrobial Surgical Suture Market Segmentation, by Country

Figure 2. PEST Analysis

Figure 3. North America Antimicrobial Surgical Suture Market - Key Market Dynamics

Figure 4. Impact Analysis of Drivers and Restraints

Figure 5. North America Antimicrobial Surgical Suture Market Revenue (US\$ Million), 2021-2031

Figure 6. North America Antimicrobial Surgical Suture Market Share (%) - by Type (2023 and 2031)

Figure 7. Triclosan Antimicrobial Suture: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 8. Chlorhexidine Antimicrobial Suture: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 9. North America Antimicrobial Surgical Suture Market Share (%) - by Raw Materials (2023 and 2031)

Figure 10. Polyglactin 910 Antimicrobial Suture: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 11. Poliglecaprone 25: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 12. Polyglycolic Acid: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 13. North America Antimicrobial Surgical Suture Market Share (%) - by Application (2023 and 2031)

Figure 14. Cardiovascular Surgery: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 15. General Surgery: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 16. Ophthalmic Surgery: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 17. Gynaecological Surgery: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 18. Orthopedic Surgery: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 19. Plastic Surgery: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 20. Veterinary Surgery: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 21. Dental Surgery: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 22. Others: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 23. North America Antimicrobial Surgical Suture Market Share (%) - by End User (2023 and 2031)

Figure 24. Hospitals: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 25. Ambulatory Surgical Centers: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 26. Others: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031 (US\$ Million)

Figure 27. North America Antimicrobial Surgical Suture Market Breakdown, by Key Countries - Revenue (2023) (US\$ Million)

Figure 28. North America Antimicrobial Surgical Suture Market Breakdown, by Key Countries, 2023 and 2031 (%)

Figure 29. United States: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031(US\$ Million)

Figure 30. Canada: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031(US\$ Million)

Figure 31. Mexico: North America Antimicrobial Surgical Suture Market - Revenue and Forecast to 2031(US\$ Million)

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