

Dental Sutures Market Forecasts to 2032 – Global Analysis By Product (Absorbable and Non-Absorbable Sutures), Material (Synthetic and Natural Materials), Technique (Interrupted Simple Sutures, Continuous Simple Sutures, Mattress Sutures and Crisscross Sutures), End User and By Geography

<https://marketpublishers.com/r/DCBE94024620EN.html>

Date: May 2025

Pages: 150

Price: US\$ 4,150.00 (Single User License)

ID: DCBE94024620EN

Abstracts

According to Statistics MRC, the Global Dental Sutures Market is accounted for \$238.7 million in 2025 and is expected to reach \$414.4 million by 2032 growing at a CAGR of 8.2% during the forecast period. Dental sutures are sterile surgical threads utilized by dentists or oral surgeons to repair wounds or surgical incisions in the oral cavity following treatments such as tooth extractions, gum surgery, or implants. They facilitate healing by securing tissue and reducing hemorrhage. Dental sutures may be classified as absorbable, which dissolve over time, or non-absorbable, necessitating removal. They are available in diverse materials and dimensions, according to the particular requirements of oral surgery.

According to the World Health Organization's Global Oral Health Status Report (2022), approximately 3.5 billion people worldwide suffer from oral diseases.

Market Dynamics:

Driver:

Increasing number of dental surgeries

The increasing number of dental procedures worldwide is a major driver of the dental

sutures market. This expansion is driven by the rising prevalence of dental problems such as periodontal disease and dental caries, an increase in cosmetic dentistry operations, and an aging population that requires more dental care. Furthermore, the growth of dental tourism and increased awareness of oral health have resulted in a higher volume of dental treatments, boosting the demand for dental sutures to enable proper wound closure and healing following surgery.

Restraint:

High cost of advanced sutures

The high cost of improved dental sutures, particularly those made from synthetic or novel materials, significantly limits market expansion. While these sutures provide greater biocompatibility and predictability of absorption, they are costly due to complex manufacturing techniques and raw material costs. In areas with limited healthcare budgets or reimbursement rules, particularly in developing nations, higher costs limit accessibility and uptake, making traditional, less expensive solutions more appealing and impeding total market expansion.

Opportunity:

Advancements in suture materials

The creation of synthetic, absorbable, and biocompatible sutures has led to better surgical outcomes by reducing how much the tissue reacts, helping it heal faster, and making it less necessary to remove the sutures. Furthermore, improvements like antimicrobial coatings and knotless designs lower infection risk while improving patient comfort. These technological improvements not only suit the changing needs of dental professionals, but they also create new opportunities for market growth, particularly as demand for minimally invasive and effective dental procedures increases.

Threat:

Risk of surgical site infections (SSIs)

The risk of surgical site infections (SSIs) remains a significant threat to the dental suture business. Sutures can become a place where bacteria grow and form a layer, increasing the chance of infections after surgery and other problems. Such concerns may discourage doctors from utilizing specific suture types or encourage the use of

alternate wound closure procedures, thereby limiting market growth.

Covid-19 Impact:

The Covid-19 epidemic had a significant detrimental influence on the dental sutures industry, owing to widespread lockdowns, social distancing measures, and the cancellation of elective dental treatments. As a result, patient visits to dental clinics decreased significantly, as did the number of dental procedures conducted. As a result, demand for dental sutures declined, hurting both supply chains and market revenues. However, once limitations were lifted and dental practices restarted, the market eventually recovered, returning to its pre-pandemic growth rates.

The non-absorbable sutures segment is expected to be the largest during the forecast period

The non-absorbable sutures segment is expected to account for the largest market share during the forecast period. Non-absorbable sutures are preferred in dental surgeries that require long-term tissue support because of their endurance, high tensile strength, and resistance to degradation. These sutures, which are generally comprised of silk, nylon, or polypropylene, are ideal for difficult oral operations and procedures that require extended wound support. Their continuous demand stems from their capacity to preserve wound closure while limiting the possibility of dehiscence, making them vital in dental treatment.

The synthetic material segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the synthetic material segment is predicted to witness the highest growth rate. Synthetic sutures, made from materials like polyglycolic acid, polyglactin, and polydioxanone, are gaining popularity because they work well with the body, dissolve at a steady rate, and cause less irritation to tissues. These qualities promote speedier healing and prevent post-operative problems. Furthermore, current technological improvements in synthetic suture materials, such as antimicrobial coatings and increased flexibility, are improving their effectiveness and propelling their widespread use in various dental procedures.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest

market share. This supremacy is due to improved healthcare infrastructure, great awareness of dental care, and a significant number of dental procedures performed each year. The United States, in particular, holds a leading position due to the prevalence of dental problems, extensive dental insurance coverage, and the presence of key market participants. Furthermore, the region benefits from widespread adoption of modern dental technologies and advantageous reimbursement regulations, which strengthens its global market leadership.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR. This rapid growth is being driven by rising disposable incomes, more access to dental services, and increased knowledge of oral hygiene in emerging nations such as China, India, and South Korea. Government actions to improve healthcare infrastructure and promote oral health, together with a growing middle-class population wanting superior dental treatment, are driving market growth. The region's rapid economic expansion and healthcare modernization make it an important growth engine for the sector.

Key players in the market

Some of the key players in Dental Sutures Market include Johnson & Johnson Services, Inc., B. Braun Melsungen AG, Advanced Medical Solutions Group Plc, Mani, Inc., HYGITECH, SMI (Surgical Specialties Corporation), DemeTECH Corporation, Osteogenics Biomedical, Lux Sutures, Sutumed Corp., Assut Europe SpA, Medtronic Plc, Zimmer Biomet Holdings Inc., Dentsply Sirona, Integra LifeSciences, W. L. Gore and Associates Inc., Katsan Medical Devices and Corza Medical.

Key Developments:

In June 2024, MANI, Inc. announced the establishment of a new sales subsidiary in North America, named MANI MEDICAL AMERICA INC. (MMA). The subsidiary is set to begin operations in January 2025, with the goal of expanding sales through regional-oriented marketing and collaborating with Key Opinion Leader (KOL) doctors to develop the market.

In March 2024, Advanced Medical Solutions Group plc (AIM: AMS), a world-leading specialist in tissue healing technologies, is pleased to announce it has entered into an agreement for the proposed acquisition of Peters Surgical, a leading global provider of

specialty surgical sutures, mechanical haemostasis and internal cyanoacrylate devices.

Products Covered:

Absorbable Sutures

Non-Absorbable Sutures

Materials Covered:

Synthetic Material

Natural Material

Techniques Covered:

Interrupted Simple Sutures

Continuous Simple Sutures

Mattress Sutures

Crisscross Sutures

End Users Covered:

Hospitals

Dental Clinics

Ambulatory Surgical Centers

Academic & Research Institutes

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

Contents

1 EXECUTIVE SUMMARY

2 PREFACE

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
 - 2.4.1 Data Mining
 - 2.4.2 Data Analysis
 - 2.4.3 Data Validation
 - 2.4.4 Research Approach
- 2.5 Research Sources
 - 2.5.1 Primary Research Sources
 - 2.5.2 Secondary Research Sources
 - 2.5.3 Assumptions

3 MARKET TREND ANALYSIS

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Product Analysis
- 3.7 End User Analysis
- 3.8 Emerging Markets
- 3.9 Impact of Covid-19

4 PORTERS FIVE FORCE ANALYSIS

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

5 GLOBAL DENTAL SUTURES MARKET, BY PRODUCT

- 5.1 Introduction
- 5.2 Absorbable Sutures
- 5.3 Non-Absorbable Sutures

6 GLOBAL DENTAL SUTURES MARKET, BY MATERIAL

- 6.1 Introduction
- 6.2 Synthetic Material
 - 6.2.1 Polyglycolic Acid (PGA)
 - 6.2.2 Polyglactin Suture
 - 6.2.3 Poliglecaprone Suture
 - 6.2.4 Polypropylene Suture
 - 6.2.5 Nylon (Polyamide) Suture
 - 6.2.6 Polyester Suture
 - 6.2.7 Other Synthetic Materials
- 6.3 Natural Material
 - 6.3.1 Plain Gut
 - 6.3.2 Chromic Gut
 - 6.3.3 Silk

7 GLOBAL DENTAL SUTURES MARKET, BY TECHNIQUE

- 7.1 Introduction
- 7.2 Interrupted Simple Sutures
- 7.3 Continuous Simple Sutures
- 7.4 Mattress Sutures
- 7.5 Crisscross Sutures

8 GLOBAL DENTAL SUTURES MARKET, BY END USER

- 8.1 Introduction
- 8.2 Hospitals
- 8.3 Dental Clinics
- 8.4 Ambulatory Surgical Centers
- 8.5 Academic & Research Institutes

9 GLOBAL DENTAL SUTURES MARKET, BY GEOGRAPHY

- 9.1 Introduction
- 9.2 North America
 - 9.2.1 US
 - 9.2.2 Canada
 - 9.2.3 Mexico
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.2 UK
 - 9.3.3 Italy
 - 9.3.4 France
 - 9.3.5 Spain
 - 9.3.6 Rest of Europe
- 9.4 Asia Pacific
 - 9.4.1 Japan
 - 9.4.2 China
 - 9.4.3 India
 - 9.4.4 Australia
 - 9.4.5 New Zealand
 - 9.4.6 South Korea
 - 9.4.7 Rest of Asia Pacific
- 9.5 South America
 - 9.5.1 Argentina
 - 9.5.2 Brazil
 - 9.5.3 Chile
 - 9.5.4 Rest of South America
- 9.6 Middle East & Africa
 - 9.6.1 Saudi Arabia
 - 9.6.2 UAE
 - 9.6.3 Qatar
 - 9.6.4 South Africa
 - 9.6.5 Rest of Middle East & Africa

10 KEY DEVELOPMENTS

- 10.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 10.2 Acquisitions & Mergers
- 10.3 New Product Launch
- 10.4 Expansions

10.5 Other Key Strategies

11 COMPANY PROFILING

- 11.1 Johnson & Johnson Services, Inc.
- 11.2 B. Braun Melsungen AG
- 11.3 Advanced Medical Solutions Group Plc
- 11.4 Mani, Inc.
- 11.5 HYGITECH
- 11.6 SMI (Surgical Specialties Corporation)
- 11.7 DemeTECH Corporation
- 11.8 Osteogenics Biomedical
- 11.9 Lux Sutures
- 11.10 Sutumed Corp.
- 11.11 Assut Europe SpA
- 11.12 Medtronic Plc
- 11.13 Zimmer Biomet Holdings Inc.
- 11.14 Dentsply Sirona
- 11.15 Integra LifeSciences
- 11.16 W. L. Gore and Associates Inc.
- 11.17 Katsan Medical Devices
- 11.18 Corza Medical

List Of Tables

LIST OF TABLES

- Table 1 Global Dental Sutures Market Outlook, By Region (2024-2032) (\$MN)
- Table 2 Global Dental Sutures Market Outlook, By Product (2024-2032) (\$MN)
- Table 3 Global Dental Sutures Market Outlook, By Absorbable Sutures (2024-2032) (\$MN)
- Table 4 Global Dental Sutures Market Outlook, By Non-Absorbable Sutures (2024-2032) (\$MN)
- Table 5 Global Dental Sutures Market Outlook, By Material (2024-2032) (\$MN)
- Table 6 Global Dental Sutures Market Outlook, By Synthetic Material (2024-2032) (\$MN)
- Table 7 Global Dental Sutures Market Outlook, By Polyglycolic Acid (PGA) (2024-2032) (\$MN)
- Table 8 Global Dental Sutures Market Outlook, By Polyglactin Suture (2024-2032) (\$MN)
- Table 9 Global Dental Sutures Market Outlook, By Poliglecprone Suture (2024-2032) (\$MN)
- Table 10 Global Dental Sutures Market Outlook, By Polypropylene Suture (2024-2032) (\$MN)
- Table 11 Global Dental Sutures Market Outlook, By Nylon (Polyamide) Suture (2024-2032) (\$MN)
- Table 12 Global Dental Sutures Market Outlook, By Polyester Suture (2024-2032) (\$MN)
- Table 13 Global Dental Sutures Market Outlook, By Other Synthetic Materials (2024-2032) (\$MN)
- Table 14 Global Dental Sutures Market Outlook, By Natural Material (2024-2032) (\$MN)
- Table 15 Global Dental Sutures Market Outlook, By Plain Gut (2024-2032) (\$MN)
- Table 16 Global Dental Sutures Market Outlook, By Chromic Gut (2024-2032) (\$MN)
- Table 17 Global Dental Sutures Market Outlook, By Silk (2024-2032) (\$MN)
- Table 18 Global Dental Sutures Market Outlook, By Technique (2024-2032) (\$MN)
- Table 19 Global Dental Sutures Market Outlook, By Interrupted Simple Sutures (2024-2032) (\$MN)
- Table 20 Global Dental Sutures Market Outlook, By Continuous Simple Sutures (2024-2032) (\$MN)
- Table 21 Global Dental Sutures Market Outlook, By Mattress Sutures (2024-2032) (\$MN)
- Table 22 Global Dental Sutures Market Outlook, By Crisscross Sutures (2024-2032)

(\$MN)

Table 23 Global Dental Sutures Market Outlook, By End User (2024-2032) (\$MN)

Table 24 Global Dental Sutures Market Outlook, By Hospitals (2024-2032) (\$MN)

Table 25 Global Dental Sutures Market Outlook, By Dental Clinics (2024-2032) (\$MN)

Table 26 Global Dental Sutures Market Outlook, By Ambulatory Surgical Centers (2024-2032) (\$MN)

Table 27 Global Dental Sutures Market Outlook, By Academic & Research Institutes (2024-2032) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

I would like to order

Product name: Dental Sutures Market Forecasts to 2032 – Global Analysis By Product (Absorbable and Non-Absorbable Sutures), Material (Synthetic and Natural Materials), Technique (Interrupted Simple Sutures, Continuous Simple Sutures, Mattress Sutures and Crisscross Sutures), End User and By Geography

Product link: <https://marketpublishers.com/r/DCBE94024620EN.html>

Price: US\$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/DCBE94024620EN.html>