

# Fibrin Sealants Market Set to Surge to \$1.1 Billion by 2032 at a 7.8% CAGR

*The fibrin sealants market is projected to reach \$1.1 billion by 2032, growing at a CAGR of 7.8% from 2023 to 2032.*

WILMINGTON, DE, UNITED STATES, February 20, 2025 /EINPresswire.com/ -- In 2022, the [fibrin sealants market](#) was valued at approximately \$550 million. Projections indicate that this market is set to reach \$1.1 billion by 2032, growing at a CAGR of 7.8% from 2023 to 2032. This growth is attributed to the rising number of surgical

procedures across the globe, including general, cardiovascular, orthopedic, and cosmetic surgeries. For instance, in the U.S., an estimated 278,000 bariatric surgeries were performed in 2019, highlighting the increasing demand for effective surgical sealants. The global fibrin sealants market has been experiencing significant growth, driven by advancements in surgical procedures and an increasing prevalence of chronic diseases. Fibrin sealants, known for their hemostatic properties, play a crucial role in various surgical specialties by promoting effective blood clotting and tissue sealing.

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## Fibrin Sealants Market Growth Factors

Several key factors are propelling the expansion of the fibrin sealants market:

- 1. Aging Population:** The global increase in the geriatric population has led to a higher incidence of chronic diseases such as heart disease, cancer, and stroke. This demographic shift necessitates more surgical interventions, thereby boosting the demand for fibrin sealants.
- 2. Prevalence of Chronic Diseases:** Conditions like atherosclerosis, aneurysms, and tumors often require surgical treatment. The rise in these health issues has escalated the need for effective hemostatic agents during surgeries.



The image shows the cover of a research report titled "FIBRIN SEALANTS MARKET". The cover features a photograph of surgeons in an operating room. Text on the cover includes: "FIBRIN SEALANTS MARKET", "OPPORTUNITIES AND FORECAST, 2023-2032", "Fibrin sealants market is expected to reach \$1.1 Billion in 2032", and "Growing at a CAGR of 7.8% (2023-2032)". The Allied Market Research logo is also present. At the bottom, it says "Report Code: A31579, www.alliedmarketresearch.com".

Fibrin Sealants Market Research Report

3. Increase in Surgical Procedures: Advancements in medical technology and surgical techniques have made complex surgeries more accessible and safer. This has led to an uptick in the number of surgeries performed, further driving the demand for fibrin sealants.

4. Sports Injuries and Accidents: The growing participation in sports and the rise in road accidents have resulted in an increased number of orthopedic and trauma surgeries, where fibrin sealants are extensively used to control bleeding and promote healing.

### Fibrin Sealants Market Segmentation

The fibrin sealants market is segmented based on dosage form, application, end user, and region.

#### By Dosage Form

- Patch: In 2022, the patch segment held the largest market share. Patches are widely adopted due to their ease of use and effectiveness in reducing blood loss during surgeries.
- Liquid: Liquid fibrin sealants are gaining traction, especially in cardiovascular and neurosurgeries, due to their rapid action and adaptability to complex surgical sites.
- Powder: While less prevalent than patches and liquids, powder forms are utilized in specific surgical scenarios requiring tailored application methods.

#### By Application

- General Surgery: This segment encompasses a broad range of procedures, including gastrointestinal and hepatobiliary surgeries, where fibrin sealants are used to prevent leaks and control bleeding.
- Cardiovascular Surgery: Fibrin sealants are essential in cardiovascular procedures to achieve hemostasis and seal vascular grafts, thereby reducing postoperative complications.
- Wound Management: Beyond surgical applications, fibrin sealants aid in managing chronic wounds by promoting tissue regeneration and reducing healing time.
- Orthopedic Surgery: In orthopedic interventions, these sealants assist in bone repair and joint surgeries by minimizing blood loss and enhancing tissue adhesion.
- Urological and Ophthalmic Surgeries: Fibrin sealants are also employed in delicate surgeries involving the urinary tract and eyes to ensure precise sealing and hemostasis.
- Others: This category includes dental, cosmetic, and pulmonary surgeries, highlighting the versatility of fibrin sealants across medical disciplines.

#### By End User

- Hospitals: Hospitals accounted for the largest share of the market in 2022. The availability of advanced surgical facilities and a high patient influx contribute to this dominance.
- Ambulatory Surgical Centers: These centers are witnessing growth due to their cost-effectiveness and efficiency in handling outpatient surgeries, increasing the adoption of fibrin sealants.
- Clinics: Specialized clinics, particularly in fields like dentistry and cosmetology, are incorporating

fibrin sealants to enhance procedural outcomes and patient satisfaction.

#### By Region

- North America: Leading the market in 2022, North America's dominance is attributed to a robust healthcare infrastructure, high surgical volumes, and the presence of key market players.
- Europe: With a well-established medical sector, Europe holds a significant market share, driven by the increasing number of surgeries and favorable reimbursement policies.
- Asia-Pacific: This region is projected to experience the highest growth rate, fueled by a burgeoning healthcare sector, rising awareness about advanced surgical products, and an increasing geriatric population.
- LAMEA (Latin America, Middle East, and Africa): While currently holding a smaller market share, LAMEA is expected to witness growth due to improving healthcare facilities and increased medical tourism.

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#### Key Players in the Fibrin Sealants Market

The fibrin sealants market is competitive, with several key players contributing to its growth:

- Baxter International Inc.
- Johnson & Johnson (Ethicon Inc.)
- CSL Behring
- Takeda Pharmaceutical Company Limited
- Becton, Dickinson and Company
- Mallinckrodt Pharmaceuticals
- Vivostat A/S
- Tissuemed Ltd.

#### Future Market Trends

Several emerging trends are expected to shape the fibrin sealants market in the coming years:

1. Increased Research & Development (R&D): Companies are investing in the development of next-generation fibrin sealants with enhanced bio-compatibility and longer shelf life.
2. Biodegradable and Synthetic Alternatives: The demand for synthetic and bioengineered fibrin sealants is rising as researchers focus on minimizing allergic reactions and improving efficacy.
3. Expansion in Emerging Markets: Countries in Asia-Pacific and Latin America are expected to drive market growth due to increasing healthcare expenditures and the expansion of medical infrastructure.
4. Advancements in Minimally Invasive Surgery: The growing preference for minimally invasive procedures is boosting the adoption of fibrin sealants, as these surgeries require efficient

hemostatic agents.

5. Regulatory Support & Approvals: Favorable regulatory policies and faster approvals for advanced sealant formulations are expected to accelerate market growth.

The fibrin sealants market is poised for substantial expansion, driven by increasing surgical procedures, technological advancements, and rising healthcare investments. With a projected CAGR of 7.8% from 2023 to 2032, the market is expected to reach \$1.1 billion by 2032. North America currently dominates, but Asia-Pacific is emerging as a high-growth region. Key industry players such as Baxter International, Johnson & Johnson, and CSL Behring continue to innovate, ensuring that fibrin sealants remain an integral part of modern surgical practice. As demand for effective hemostatic agents rises, the future of the fibrin sealants market looks promising.

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