

# Artificial Tendons and Ligaments Market Soars: Driven by Rising Injuries and Orthopedic Conditions

PORTLAND, OR, UNITED STATES, July 1, 2025 /EINPresswire.com/ -- The global [artificial tendons and ligaments market](https://www.alliedmarketresearch.com/artificial-tendons-and-ligaments-market) is on a strong growth trajectory, fueled by the increasing incidence of accidents and a surge in musculoskeletal disorders such as osteoporosis and tendonitis. According to a recent report by Allied Market Research, the market was valued at \$64.3 million in 2021 and is projected to reach \$165.7 million by 2031, growing at a CAGR of 10.1% from 2022 to 2031.



Artificial Tendons and Ligaments Market growth, demand

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## Market Drivers: Accidents and Aging Population

One of the major contributors to market growth is the rising number of road accidents, sports injuries, and workplace mishaps that lead to tendon and ligament damage. Additionally, the growing geriatric population, which is more prone to osteoporosis and tendonitis, continues to drive demand for effective reconstruction solutions.

These trends have pushed the adoption of synthetic grafts and implants as surgeons look for alternatives that minimize recovery time while maximizing mobility.

## Segment Overview: Knee Injuries Dominate

Among the various application areas, knee injuries lead the market and accounted for nearly 40% of total revenue in 2021. This segment is expected to maintain its dominance and also witness the fastest CAGR of 10.7% through 2031. Other key segments include foot & ankle injuries and shoulder injuries, which are also gaining attention due to rising sports-related traumas.

### End Users: Hospitals and Clinics Lead the Way

In terms of end users, hospitals and clinics held nearly 60% of the market share in 2021. These healthcare institutions continue to be the first choice for patients due to advanced surgical facilities and post-operative care.

However, Ambulatory Surgical Centers (ASCs) are emerging rapidly, projected to record the fastest CAGR of 12.8% during the forecast period. The shift toward ASCs is driven by shorter hospital stays, lower costs, and quicker recovery times for patients undergoing minimally invasive procedures.

### Regional Insights: Asia-Pacific to Witness Explosive Growth

While North America remains the largest market due to its well-established healthcare infrastructure and early adoption of advanced orthopedic technologies, the Asia-Pacific region is forecasted to grow at the fastest CAGR of 11.5%.

This growth is supported by rising healthcare investments, expanding medical tourism, increasing awareness, and a higher rate of road accidents in countries like India and China.

### COVID-19 Impact: A Temporary Setback

The COVID-19 pandemic initially hampered the market, as hospitals postponed elective surgeries and orthopedic procedures. A significant decline was observed in 2020, but the industry quickly rebounded by late 2021 with the resumption of surgeries and heightened focus on healthcare infrastructure.

### Opportunities and Restraints

#### Opportunities:

Expanding healthcare business in developed countries.

Technological advancements in biomaterials and synthetic graft design.

Rising awareness about sports medicine and reconstructive surgery.

#### Challenges:

A shortage of trained orthopedic surgeons, especially in low-income countries.

Stringent regulatory policies for medical implants and devices.

### Key Market Players and Strategies

Prominent companies in the artificial tendons and ligaments market include:

Stryker Corporation

Arthrex, Inc.

Integra LifeSciences Corporation

Neoligaments

Orthomed S.A.S

FX Solutions

F H Orthopedics

Corin Group

Mathys AG

Artelon

These players are focusing on strategic partnerships, product launches, joint ventures, and global expansions to strengthen their market presence. The competition is expected to intensify as innovations in materials and minimally invasive techniques gain traction.

#### Final Outlook

The artificial tendons and ligaments market is witnessing a robust surge as demand for faster, safer, and more durable solutions for ligament and tendon repair grows. With a promising CAGR, expanding applications, and rising healthcare investment in emerging markets, the future of this industry looks strong and sustainable.

For detailed analysis, investment opportunities, and strategy development, access the full report and download the free sample here:

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