

### Global Collateral Ligament Stabilizer System Market Size, by Product Type (Lateral Collateral Ligament, Medial Collateral Ligament), by Injury Type (Grade I, Grade II, Grade III), by End-user (Hospitals, Orthopedic Clinics, Others) and Regional Forecasts 2022-2032

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### **Abstracts**

The Global Collateral Ligament Stabilizer System Market is valued at approximately USD 2.3 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 7.2% over the forecast period 2023-2032. The Collateral Ligament Stabilizer System is a medical device designed to provide support and stability to the collateral ligaments of the knee, which include the medial collateral ligament (MCL) and the lateral collateral ligament (LCL). These ligaments are crucial for maintaining the knee's stability and allowing it to function properly during activities such as walking, running, and jumping. The stabilizer system typically includes braces or supports that are worn around the knee to limit excessive movement and prevent further injury to the ligaments. This system is particularly beneficial for individuals recovering from ligament injuries, such as sprains or tears, and for those with chronic instability in the knee. By providing targeted support, the Collateral Ligament Stabilizer System helps reduce pain, improve mobility, and enhance the overall rehabilitation process, enabling patients to return to their daily activities and sports with greater confidence and safety.

The market growth is largely driven by the rising incidence of joint disorders and arthritis, along with the increasing frequency of sports injuries and road accidents, which is expanding the market size significantly. Collateral ligament stabilizers secure the knee posterolaterally, preventing medial tibial translation and aiding in joint stability. One of the primary factors driving the market is the increasing number of sports-related injuries and joint disorders. These knee bracing stabilizer systems are particularly prescribed for athletes. Additionally, the rising number of road mishaps globally is



contributing to the demand for ligament retention systems. According to the WHO, almost 10 million individuals are injured or disabled annually due to road accidents. Physicians often recommend collateral ligament stabilizer systems for treating joint or muscular diseases that result in pain. However, a lack of understanding regarding orthopedic techniques among several healthcare practitioners may restrain the market growth. Despite this challenge, the market outlook remains positive due to advancements in product innovation and increased outreach to untapped market. Medial collateral ligament (MCL) is crucial for providing resistance against various stresses on the knee joint. Collateral ligament stabilizer systems are designed to hold the ends of the two bones together, ensuring that the bones in the joint do not twist or dislocate beyond limits. According to the WHO, musculoskeletal conditions affect approximately 440 million people globally, with this number expected to rise significantly during the forecast period. This growing need to stabilize joints is propelling the market growth.

The key regions considered in the study include Asia Pacific, North America, Europe, Latin America, and the Middle East and Africa. North America held the largest share of the market in 2023, primarily due to the high rate of ligament injuries associated with sports activities and the growing elderly population experiencing recurrent ligament injuries. The region's dominance is expected to continue throughout the forecast period.

Key market players in the reports includes

DJO Global, Inc.

Ossur

Breg, Inc.

Zimmer Biomet Holdings, Inc.

Stryker Corporation

Smith & Nephew plc

3M Company

DePuy Synthes (Johnson & Johnson)

?ssur Americas

BSN Medical (Essity)

Thuasne Group

medi GmbH & Co. KG

?ssur hf.

Orthofix International N.V.

Bauerfeind AG



By Region:

U.S.

Canada

Europe: Germany

U.K. France Italy

North America:

Spain
Asia Pacific:
China
India
Japan
Australia
South Korea
Rest of Asia Pacific
Latin America:
Brazil
Mexico
Rest of Latin America
Middle East & Africa:
South Arabia
South Africa
Rest of Middle East and Africa
Historical year – 2022
Base year – 2023
Forecast period – 2024 to 2032
Key Takeaways:
Market Estimates & Forecast for 10 years from 2022 to 2032.
Annualized revenues and regional level analysis for each market segment.
Detailed analysis of geographical landscape with Country level analysis of major
Global Collateral Ligament Stabilizer System Market Size, by Product Type (Lateral Collateral Ligament, Medial



### regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.



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