

[Latest] Global Cartilage Repair/Regeneration Market Size, Analysis & Share Surpass US\$ 2.32 Bn By 2030, At 15% CAGR

Cartilage Repair/Regeneration Market was at US\$ 0.75 Bn in 2021 and is growing to approx US\$ 2.32 Bn by 2030, with a CAGR growth of 15% between 2022 and 2030.

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According to the study, The [Global Cartilage Repair/Regeneration Market](#)

was estimated at USD 0.75 Billion in 2021 and is anticipated to reach

around USD 2.32 Billion by 2030, growing at a CAGR of roughly 15% between 2022 and 2030.



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[Cartilage Repair/Regeneration Market](#): Overview

Cartilage regeneration replaces articular cartilage, a cushion between bone terminals. When cartilage is damaged or worn out, a bone will collide with another bone, causing discomfort close to the sensitive nerve ends. In addition, as a result of its poor blood supply, cartilage has a limited capacity for self-repair.

Cartilage repair is restoring the cartilage surface of a joint damaged by an osteochondral or chondral defect. It may take weeks or even months for swelling to go down after an injury that causes a damaged joint to enlarge. Because

of its limited mitotic capacity and vascular structure, articular cartilage is a defect brought on by osteoarthritis and is less crucial for any repairs. Symptoms of cartilage loss include physical

impairment, stiffness, soreness, and inflammation of the muscles.

Cartilage Repair/Regeneration Market: Growth Drivers

Due to an aging population, rising obesity rates, rising healthcare costs, and increased sports-related injuries, the global Cartilage Repair/ Cartilage Regeneration market is expanding significantly. The market is also growing due to an increase in cutting-edge product introductions and the expansion of medical tourism, both raising awareness of cartilage treatment options worldwide. Due to the long-term effects of this treatment, the segment for cell-based therapies is predicted to increase at the quickest rate during the forecast period.

Global cartilage repair/regeneration product makers should benefit from the emerging economies' rapid economic expansion and the technological advancements in cartilage repair and regeneration products. The main barriers to the global market development, however, are the high cost of these medications and the absence of insurance coverage for these therapies.

Report URL : <https://www.custommarketinsights.com/report/cartilage-repair-regeneration-market/>

Key Insights:

A) As per the analysis shared by our research analyst, the Cartilage Repair/Regeneration market is estimated to grow annually at a CAGR of around 15% over the forecast period (2022-2030).

B) In terms of revenue, the Cartilage Repair/Regeneration market size was valued at around USD 0.75 Billion in 2021 and is projected to reach USD 2.32 Billion by 2030. Due to a variety of driving factors, the market is predicted to rise at a significant rate.

C) Early adoption of cartilage restoration or regeneration techniques can stop the onset of osteoarthritis. The market can be divided into two categories based on the application: fibrocartilage repair and regeneration and hyaline cartilage repair and regeneration.

D) Individuals with COVID-19 had their elective surgeries rejected (canceled/postponed) in order to reserve or devote limited capacity and resources (such as hospital beds and medical staff) toward treating patients undergoing elective procedures. To combat the surge in COVID-19 cases, curfews and lockdowns have also been enforced in a number of countries.

E) The projected period is expected to see a slowdown in the market growth for cartilage repair due to the rising rates of diabetes and obesity around the world. Diabetes accelerates the loss of cartilage. Additionally, a rise in the proportion of obese (overweight) people is anticipated during the predicted period, especially in Latin America and the MEA region.

F) The global geriatric population, which is susceptible to chronic diseases and is anticipated to be a significant driver of the rise in cartilage repair procedures, is predicted by the American Heart Association (AHA) to account for approximately 20.0% of the total population by 2030. This population is expected to support the market during the forecast period.

Press Release For Cartilage Repair/Regeneration Market :

<https://www.custommarketinsights.com/press-releases/cartilage-repair-cartilage-regeneration-market/>

Regional Landscape

According to the regional study, North America will maintain its market dominance over the forecast. The target market, progress in biomaterial studies, and rise in musculoskeletal illnesses are the driving forces behind the market's expansion. In addition, increased osteoporosis disorders cases brought on by changing lifestyles in nations like Germany and France contribute to the region's expansion.

Due to their recent adoption of cutting-edge and affordable medical procedures, Europe and Asia-Pacific are predicted to see a significant share rise during the projection period. Additionally, it is anticipated that increased R & D spending by different venture capitalists and investors will shape the Cartilage Repair/Regeneration market in the coming years.

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Key Players

Smith & Nephew plc
Zimmer Biomet
DePuy Synthes
Stryker Corporation
Braun Melsungen AG
Vericel Corporation
Anika Therapeutics
MEDIPOST Co.Ltd.
RTI Surgical (RTI)
Arthrex, Inc.
CONMED CORPORATION
Regrow Biosciences PVT.LTD
Geistlich Pharma AG
Orthocell Ltd
AlloSource
Bio-Tissue

The Cartilage Repair/Regeneration Market is segmented as follows:

By Treatment Modality

Cell-Based

Non-Cell-Based

By Application

Fibrocartilage

Hyaline Cartilage

By Treatment

Palliative

Intrinsic Repair Stimulus

By Site

Knee

Ankle

Spine

Hip

Others

By Geography

North America

The USA

Canada

Mexico

Europe

The UK

Germany

France

Italy

Russia

Rest of Europe

Asia Pacific

China

India

Japan

South Korea

Malaysia

Philippines

Rest of Asia-pacific

Latin America

Brazil

Rest of Latin America

Middle East and Africa

GCC

North Africa

South Africa

Rest of Middle East & Africa

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