

# **U.S. Osteoarthritis Therapeutics Market Size, Share & Trends Analysis Report By Product (Viscosupplements, Platelet-Rich Plasma Therapy, Adipose Tissue Therapy, Bone Graft Substitutes), By Application, By Primary User, And Segment Forecasts, 2025 - 2033**

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## **Abstracts**

The U.S. osteoarthritis therapeutics market size was estimated at USD 2.15 billion in 2024 and is projected to reach USD 4.50 billion by 2033, growing at a CAGR of 8.61% from 2025 to 2033. Growing geriatric population, rising prevalence of obesity and joint injuries, and increasing demand for minimally invasive and regenerative therapies are driving the osteoarthritis therapeutics industry.

The aging population is a major factor driving the growth of the market. According to the Centers for Disease Control and Prevention (CDC), in February 2024, the age-adjusted prevalence of arthritis among U.S. adults aged 18 and older was 18.9%, with the prevalence in adults aged 75 and older reaching 53.9%. As the U.S. population ages, particularly with the elderly demographic projected to represent nearly 20% of the population by 2030, the demand for osteoarthritis treatments tailored to the older age group is increasing. In September 2024, the CDC reported that 40.3% of U.S. adults were classified as obese between August 2021 and August 2023. Obesity is a significant risk factor for osteoarthritis, especially in weight-bearing joints, and its high prevalence is contributing to the rising number of osteoarthritis cases.

Additionally, the increase in joint injuries, particularly those related to sports and work-related accidents, is accelerating the onset of osteoarthritis. As more individuals engage in physical activities, the likelihood of joint damage and subsequent osteoarthritis

increases. In February 2024, the International Labour Organization (ILO) estimated that approximately 395 million workers worldwide sustain non-fatal work injuries annually, many of which result in joint damage. This has increased awareness of the need for joint health management and has contributed to the rising demand for osteoarthritis therapeutics in the U.S.

Finally, the shift toward minimally invasive and regenerative therapies is playing a significant role in shaping the U.S. osteoarthritis therapeutics market. There is growing interest in non-surgical treatments, such as hyaluronic acid injections, platelet-rich plasma (PRP) therapy, and stem cell therapies, as they offer effective alternatives with shorter recovery times and fewer side effects compared to traditional surgical options. This shift in treatment preferences is expected to continue fueling market growth in the coming years.

The industry is driven by the aging population, rising obesity rates, increasing joint injuries, and a growing preference for minimally invasive and regenerative therapies. These factors are expected to support continued market growth, with advancements in treatment technologies playing a key role in meeting the demands of an aging population.

## U.S. Osteoarthritis Therapeutics Market Report Segmentation

This report forecasts revenue growth at the country level and provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the U.S. osteoarthritis therapeutics market report based on product, application, and primary user:

Product Outlook (Revenue, USD Million, 2021 - 2033)

Viscosupplements

Platelet-Rich Plasma (PRP) Therapy

Bone Graft Substitutes

BMAC (Bone Marrow Aspirate Concentrate) Therapy

Adipose Tissue Therapy

Autologous Chondrocyte Implantation (ACI), Including MACI

Stem Cell (other)

Other (Cartilage Resurfacing Products)

Application Outlook (Revenue, USD Million, 2021 - 2033)

Knee Osteoarthritis

Hip Osteoarthritis

Shoulder Osteoarthritis

Spine Osteoarthritis

Ankle & Foot Osteoarthritis

Other

Primary User Outlook (Revenue, USD Million, 2021 - 2033)

Orthopedic Surgeons

Rheumatologists

Sports Medicine Specialists

Regenerative Medicine Specialists

Other

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