

# **US Orthobiologics Market (Growth Factor, DBM, Bone Substitute, Cell-based Matrices, Machined Bone, Allograft Bone): Industry Analysis & Outlook (2019-2023)**

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## **Abstracts**

Orthobiologics are the biologically derived materials from the body to promote the repair and regeneration of musculoskeletal tissues. When they are used in higher concentrations than normally present in the body, they can potentially help speed up the healing process. The substances which are considered to be Orthobiologics are: growth factors, DBM, cell based matrices, machined bone, bone substitute and others. These are capable of bone formation and encourage healing of fractures, nonunion, and repairing defects of various traumatic and non-traumatic conditions of skeletal system.

The U.S. Orthobiologics Market has, lately, become concentrated to sustain the growth by introducing various medical innovations. The healthcare and medical sector is rapidly growing due to increasing healthcare problems amongst people, especially old age people. The increased demand for growth factors and DBM from end- users segments such as hospitals and medical centers had a major contribution in the growth of the U.S. Orthobiologics market.

The growth of the market is attributable to factors such as rising burden of orthopedic injuries; increasing incidence of sports injuries and road accidents; increasing incidence of spinal fusion surgeries; risk factors associated with increasing aging population, obesity rate, & high incidence of musculoskeletal disorders; and growing patient preference for minimally invasive procedures.

The global Orthobiologics market is dominated by four key players: Medtronic, Johnson and Johnson, Sanofi S.A. and Zimmer Biomet. Whereas, the U.S. Orthobiologics

market is majorly ruled by Medtronic, Johnson and Johnson, Stryker Corporation and NuVasive Inc. All these leading players have a major contribution in the growth of global as well the U.S. Orthobiologics market. Their effective strategy formulation and implementation has helped in the expansion of the healthcare sector to a great extent.

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