

Global Total Wrist Replacement Market Size Study & Forecast, by Fixation Type (Cemented, Cement-less, Hybrid, and Reverse Hybrid), By End Use (Hospitals, Orthopedic Clinics, and Others) and Regional Analysis, 2023-2030

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Abstracts

Global Total Wrist Replacement Market is valued approximately at USD 170.61 million in 2022 and is anticipated to grow with a growth rate of more than 7.76% over the forecast period 2023-2030. Total wrist replacement also known as wrist arthroplasty. It is a surgical procedure to treat severe arthritis and other conditions that cause significant pain and limited function in the wrist joint. It involves replacing the damaged surfaces of the wrist joint with artificial components made of metal, ceramic, or plastic materials. The purpose of this surgery is to relieve pain, improve range of motion, and restore function in the wrist joint when conservative treatments such as medications, splints, and injections are no longer effective. The Total Wrist Replacement Market is expanding because of factors such as the growing awareness about the available treatments for wrist injuries, increase in disposable income and growing geriatric population. Additionally, increased engagement of athletes in sports and physical activities leading to trauma and fractures further fuels the demand for total wrist replacement procedures.

In addition, the market growth is propelled by the rising incidences of orthopedic disorders, osteoporosis, and osteoarthritis. The prevalence of osteoporosis is on the rise due to shifting lifestyle patterns, sedentary behaviors, and inadequate dietary habits. Consequently, there is an increased demand for osteoporosis treatment. The International Osteoporosis Foundation revealed that in 2020, approximately 1 in 5 men and 1 in 3 women aged over 50 are at risk of experiencing osteoporosis-related fractures in their lifetime. Moreover, according to the International Osteoporosis

Foundation (IOF), Europe witnessed 4.28 million osteoporotic fractures in 2019, a figure anticipated to escalate to 5.34 million by 2034. The projected growth over the 15-year period varies significantly across nations, ranging from 8% (Latvia) to 58% (Ireland). Additionally, as outlined by the National Osteoporosis Foundation (NOF), over 10 million individuals in the United States were diagnosed with osteoporosis in 2020, with menopausal women being particularly susceptible. Likewise, according to estimates from the Arthritis Foundation, the prevalence of arthritis in the U.S. population aged over 50 is projected to exceed 78 million by 2040. Thus, these aforementioned factors are propelling the growth of the Total Wrist Replacement Market during the estimated period. Moreover, the surge in product developments and approvals, as well as the improved access to healthcare facilities and specialized orthopedic care present various lucrative opportunities over the forecast years. However, the high costs involved in wrist reconstruction surgeries and the stringent regulatory requirements are challenging the market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Total Wrist Replacement Market study include Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the increasing prevalence of arthritis and arm injuries, coupled with the presence of major market players. For instance, a study published in NCBI in July 2022 reported that 13.6% of the United States population had wrist arthritis in 2022. Similarly, data from the Ohio State University in 2021 revealed that 6 million Americans suffer from bone fractures annually, with fractures accounting for 16% of all musculoskeletal injuries. Furthermore, an NCBI article from January 2021 indicated that 16.5% of Canadians, around 4.8 million individuals, were diagnosed with arthritis in 2021. Consequently, the escalating incidence of arthritis and bone fractures is expected to boost the demand for total wrist replacement surgeries in North America, driving market growth. Whereas, Asia Pacific is expected to grow at the highest CAGR over the forecast years. The increasing number of total wrist replacement surgeries, growing investment in the development of healthcare infrastructure, rise of healthcare tourism, and increasing geriatric population are significantly propelling the market demand across the region.

Major market players included in this report are:

Integra Lifesciences Holdings Corporation

Johnson and Johnson

Acumed LLC

Medartis AG

Stryker Corporation

DJO Global

Anika Therapeutics Inc.

Skeletal Dynamics

CONMED Corporation

Extremity Inc

Recent Developments in the Market:

In August 2022, Ossio Inc. introduced the OSSIOfiber Suture Anchors, further enriching the company's expanding array of bio-integrative implants utilized in hand/wrist and other surgical procedures.

In August 2022, Extremity Medical LLC obtained a Vizient small joint contract, encompassing all of the company's upper and lower extremity systems, including the innovative Total Wrist Arthroplasty system and other offerings.

Global Total Wrist Replacement Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Fixation Type, End Use, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Fixation Type:

Cemented

Cement-less

Hybrid

Reverse Hybrid

By End Use:

Hospitals

Orthopedic Clinics

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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