

North America Pediatric Orthopedic Implants Market Forecast to 2030 – Regional Analysis – by Type (Hip Implants, Spine Implants, Knee Implants, Dental Implants, Craniomaxillofacial Implants, and Others), Application (Trauma and Deformities, Broken Bones, Bone and Joint Infections, Spinal Deformities, and Others), and End User (Hospitals, Pediatric Clinics, and Others)

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Abstracts

The North America pediatric orthopedic implants market was valued at US\$ 1,566.51 million in 2022 and is expected to reach US\$ 3,556.34 million by 2030; it is estimated to grow at a CAGR of 10.8% from 2022 to 2030.

Rising Number of Pediatric Surgeries to Treat Orthopedic Birth Defects Fuels the North America Pediatric Orthopedic Implants Market

Orthopedic defects are acquired or congenital abnormalities that affect the muscles, skeleton, and related tissues. These abnormalities predominantly result in muscle imbalance, paralysis, and decreased sensation in the lower extremity. The congenital orthopedic disabilities include clubfoot, spine deformities, osteogenesis imperfecta, muscular dystrophy, limb defects, and bone infections. Developmental dysplasia causing hip dislocation and metatarsus adducts causing curved foot or in-toeing are also categorized as congenital orthopedic disabilities.

An increase in the prevalence of orthopedic birth defects drives the growth of the North America pediatric orthopedic implants market. According to the Centers for Disease

Control and Prevalence (CDC), clubfoot is one of the most common birth defects in the US, and it affected ~6,643 babies in the country in 2022. Abnormal genes inherited from a parent and chromosomal disorders leading to a missing or abnormal gene in offspring are among the notable causes of orthopedic birth defects. Moreover, the availability of tools and technologies that support the early diagnosis and treatment of these disorders contribute to better patient outcomes, in turn, bolstering the adoption of pediatric orthopedic implants. Additionally, pediatric trauma cases have increased over the past decade. According to an article published in Cureus, factors such as a surge in outdoor activities among children and the growing number of accidental injuries continue to boost the prevalence of pediatric trauma, which would continue to benefit the North America pediatric orthopedic implants market in the coming years.

North America Pediatric Orthopedic Implants Market Overview

The North America pediatric orthopedic implants market is segmented into the US, Canada, and Mexico; the US held the largest share of the market in this region. The market growth in North America is attributed to the increasing cases of birth deformities and the rising implementation of growth strategies by key market players operating in this region. In addition, the growing health expenditures in major countries would drive market growth in the region during the forecast period.

North America Pediatric Orthopedic Implants Market Revenue and Forecast to 2030 (US\$ Mn)

North America Pediatric Orthopedic Implants Market Segmentation

The North America pediatric orthopedic implants market is segmented type, application, end user, and country.

Based on type, the North America pediatric orthopedic implants market is segmented into hip implants, spine implants, knee implants, dental implants, craniomaxillofacial implants, and others. The hip implants segment held the largest market share in 2022.

Based on application, the North America pediatric orthopedic implants market is segmented into trauma and deformities, broken bones, bone and joint infections, spinal deformities, and others. The trauma and deformities segment held the largest market share in 2022.

Based on end user, the North America pediatric orthopedic implants market is

segmented into hospitals, pediatric clinics, and others. The hospitals segment held the largest market share in 2022.

Based on country, the North America pediatric orthopedic implants market is segmented into the US, Canada, and Mexico. The US dominated the North America pediatric orthopedic implants market share in 2022.

Arthrex Inc, Johnson & Johnson, OrthoPediatrics Corp, Stryker Corp, and WishBone Medical Inc are some of the leading companies operating in the North America pediatric orthopedic implants market.

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