

India Foot and Ankle Devices Market By Product (Bracing and Support, Joint Implants, Soft Tissue Orthopedic Devices, Orthopedic Fixation, Prosthetics), By Application (Hammertoe, Trauma, Osteoarthritis, Rheumatoid Arthritis, Neurological Disorders, Bunions, Osteoporosis), By Region, Competition, Forecast & Opportunities, 2020-2030F

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Report description:

India Foot and Ankle Devices Market was valued at USD 74.84 Million in 2024 and is expected to reach USD 127.54 Million by 2030 with a CAGR of 9.25% during the forecast period. The India Foot and Ankle Devices Market is experiencing significant growth, driven by a rise in foot and ankle disorders, increasing sports-related injuries, and a growing prevalence of diabetes and osteoporosis. Advancements in medical technologies, including customized implants and minimally invasive surgical techniques, have enhanced treatment outcomes, boosting device adoption. Non-surgical solutions like bracing and support dominate the market due to their affordability and widespread applicability, while joint implants are emerging as the fastest-growing segment, propelled by the rising demand for surgical interventions and improved access to healthcare.

The India Foot and Ankle Devices Market is driven by the rising prevalence of foot and ankle disorders, including arthritis, fractures, and sports injuries. Advancements in medical technologies, such as 3D-printed implants and minimally invasive surgeries, are enhancing treatment outcomes. The increasing incidence of diabetes-related foot complications and road traffic accidents is fueling demand for both surgical and non-surgical devices. Moreover, growing awareness, improved healthcare infrastructure, and favorable government initiatives are further propelling market growth.

Key Market Drivers

Rising Prevalence of Foot and Ankle Disorders

The rising prevalence of foot and ankle disorders in India is being driven by a combination of demographic, lifestyle, and accident-related factors, which collectively contribute to the growing demand for specialized medical devices. Diabetes has

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become one of the most significant contributors to foot and ankle complications in India. The country has over 77 million diabetic individuals, and a substantial proportion, 15-25%, suffer from diabetic foot ulcers at some point in their lives. This makes diabetic foot care a priority, leading to the adoption of advanced treatment options such as specialized footwear, orthotics, and surgical interventions like joint implants.

Alongside diabetes, rheumatoid arthritis is increasingly affecting India's population, with an estimated 0.28-0.7% of the population experiencing the condition. This autoimmune disorder causes severe joint pain and deformities in the foot and ankle, often requiring joint implants and surgical devices for management. As more individuals seek long-term relief, the demand for innovative, durable, and customized implants has grown significantly.

Another critical factor is the shift toward sedentary lifestyles and urbanization, which has fueled the rise of obesity—a leading risk factor for various foot and ankle conditions. Plantar fasciitis, osteoarthritis, and other weight-related foot problems are on the rise, further driving the demand for bracing devices, orthotic supports, and other non-surgical solutions to manage these disorders. A study published in the Journal of Neurosciences in Rural Practice reported that the national prevalence of obesity is 40.3%, with regional variations: the southern region exhibits the highest rate at 46.51%, while the eastern region has the lowest at 32.96%.

Key Market Challenges

Limited Awareness and Access to Advanced Foot and Ankle Devices

One of the key challenges facing the growth of the India Foot and Ankle Devices Market is the limited awareness and access to advanced foot and ankle devices, particularly in rural and underserved areas. While the demand for these devices is growing in urban centers, a significant portion of the population remains unaware of the treatment options available to address foot and ankle injuries. This lack of awareness often leads to delayed diagnoses and inadequate treatment, which can result in prolonged recovery periods or even permanent disability.

In many rural regions, healthcare facilities are limited, and the availability of specialized medical devices is often scarce. People in these areas tend to rely on traditional or basic forms of treatment, which may not provide the same level of support or recovery outcomes as more advanced options. Even in urban centers, there is a gap in education about the benefits of early intervention and the role of specialized foot and ankle devices in preventing further complications.

Key Market Trends

Medical Tourism Hub

India's growing reputation as a medical tourism hub is emerging as a significant trend for the foot and ankle devices market, especially as the country is recognized for its high-quality healthcare services at affordable prices. The convergence of affordable medical treatment, advanced healthcare technologies, and world-class infrastructure has attracted international patients seeking specialized treatments, including foot and ankle surgeries and rehabilitation. As more medical tourists travel to India for orthopedic procedures, the demand for foot and ankle devices has been growing rapidly, creating an opportunity for both the healthcare industry and device manufacturers.

India's orthopedic capabilities, particularly in foot and ankle care, are bolstered by skilled medical professionals who specialize in treating complex injuries and conditions. The ability to offer state-of-the-art surgical techniques, such as minimally invasive surgeries and robotic-assisted surgeries, combined with a well-developed rehabilitation and post-surgery care ecosystem, makes India an attractive destination for patients from countries with higher treatment costs, such as the U.S., U.K., and the Middle East. As a result, foot and ankle surgeries, including joint replacements, tendon repairs, and fracture treatments, are increasingly being sought by international patients, further boosting the demand for specialized devices like joint implants, orthopedic fixation devices, and braces.

Regional Insights

Based on Region, North India emerged as the dominating region in the India Foot and Ankle Devices Market in 2024. The North India region of India is dominating the Foot and Ankle Devices Market due to several key factors, including urbanization, medical infrastructure, and higher healthcare awareness. Northern India, particularly cities like Delhi, Chandigarh, and Amritsar, are major hubs for healthcare services, with advanced medical facilities and specialized treatment centers. The region has a high concentration of hospitals, orthopedic clinics, and rehabilitation centers, which offer cutting-edge foot and ankle treatments, including surgeries and device-based therapies. The presence of well-established healthcare infrastructure facilitates the widespread adoption of specialized devices, boosting market growth in the region.

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Additionally, urbanization plays a crucial role, as urban centers in the North tend to have a larger share of the population with higher disposable incomes and greater access to healthcare services. As more people in these urban areas seek advanced treatments for foot and ankle conditions, the demand for devices such as joint implants, orthopedic fixation devices, and bracing and support devices increases. The higher prevalence of lifestyle-related diseases such as obesity and osteoarthritis in urban areas also contributes to the growth of the market.

Key Market Players

- Stryker Corporation
- Johnson & Johnson Ltd
- Zimmer Biomet India
- Smith & Nephew Healthcare Pvt Ltd
- Biomed Healthtech Pvt. Ltd.
- DJO, LLC
- Acumed LLC
- Arthrex, Inc.
- Paragon 28 Inc
- Orthofix Medical Inc.

Report Scope

In this report, the India Foot and Ankle Devices Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

-□India Foot and Ankle Devices Market, By Product:

- o Bracing and Support
- o Joint Implants
- o Soft Tissue Orthopedic Devices
- o Orthopedic Fixation
- o Prosthetics

-□India Foot and Ankle Devices Market, By Application:

- o Hammertoe
- o Trauma
- o Osteoarthritis
- o Rheumatoid Arthritis
- o Neurological Disorders
- o Bunions
- o Osteoporosis

-□India Foot and Ankle Devices Market, By Region:

- o East India
- o West India
- o North India
- o South India

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the India Foot and Ankle Devices Market.

Available Customizations:

India Foot and Ankle Devices Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

- Detailed analysis and profiling of additional market players (up to five).

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