

## Orthopedic Conference - 2020 Market Analysis

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Orthopedics is the study of the musculoskeletal system including the spine, bones, joints, ligaments, tendons, muscles and nerves. An orthopedist or orthopedic surgeon is a doctor that specializes in the prevention, diagnosis, and treatment including surgery of the musculoskeletal system. An orthopedic surgeon must undergo about 14 years education and training. Many other doctors treat musculoskeletal issues as well, such as chiropractors, physiotherapists, occupational therapists, and podiatrists.

A popular specialty within the field of orthopedics is medicine. Although injuries during sports are inevitable, the American Academy of Orthopedic Surgeons and the American Orthopedic Society for Sports Medicine have stressed the importance of preventing sports injuries to prolong the career of athletes.

The first recommendation in preventing injury is warming up before performing any exercise or sports, as cold muscles are more vulnerable to injury. Training for correct fitness techniques as well as stretching is crucial to stop injury. As stress can lead to tense muscles, which are more prone to injury, mental fitness through meditation and yoga techniques are helpful. Overexertion is a common cause of sports injury, therefore knowing one's constraints and heeding the body's signals of fatigue and tiredness are important. Sportsperson's should make full use of any available protective gear (i.e. helmets, pads, guards) to prevent injury. Increasing the intensity, time, or sort of activity too quickly will usually cause injury. The ten percent rule is a guideline recommending that you should not increase his/her activity by more than ten percent per week. The intensity and length of workout should be increased gradually to avoid injury.

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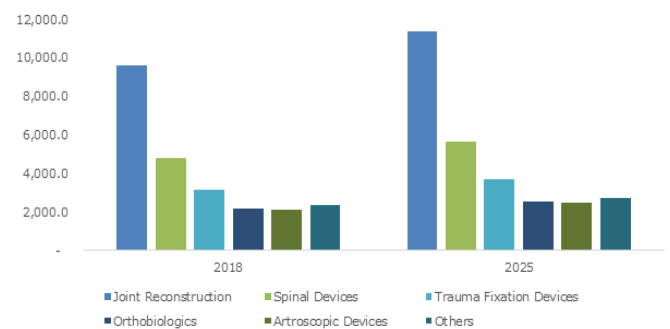
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### The Orthopedic medical devices in worldwide:

**Industry Trends:** Orthopedic Devices Market size was valued at USD forty two.7 billion in 2018 and is anticipated to witness close to three.7% CAGR from 2019 to 2025.



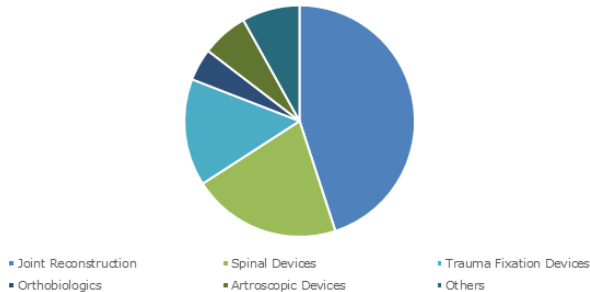
Growing geriatric population base is highly susceptible for developing bone related diseases such as osteoporosis and osteoarthritis. As per WHO, the global population over 60 years is expected to reach 2 billion by 2050. Increasing base of older population can produce important demand for numerous orthopedic implants and devices.

Increasing prevalence of diabetes and obesity, lack of physical activity, poor diet intake and rising trend of smoking and alcohol consumption will fuel the market demand over the forecast years. New innovations within the field of osteology ought to boost the event of efficient devices. Increasing incidence of road accidents and sports injuries, and spurring demand for minimally invasive surgical procedures should stimulate global market growth. Availability of innovative materials and perishable implants for medical interventions can augment demand.

Rising cost burden of expensive surgeries, high cost of implants, and dearth of skilled professionals may hinder business growth. Lack of uniform reimbursement landscape in developed countries and low per capita healthcare expenditure in developing nations will hamper adoption of advanced devices over the coming years.

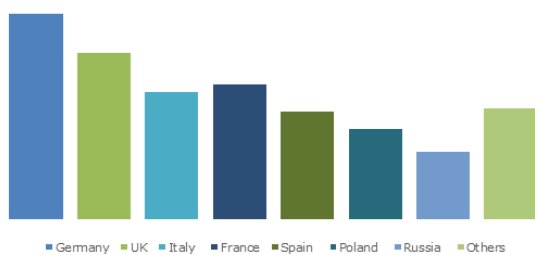
**Orthopedic Devices Market, By Product**

China medical science Devices Market Size, By Product, 2018 (USD Million)



**Orthopedic Devices Market, By Region**

Europe medical science Devices Market Size, By Country, 2025 (USD Million)

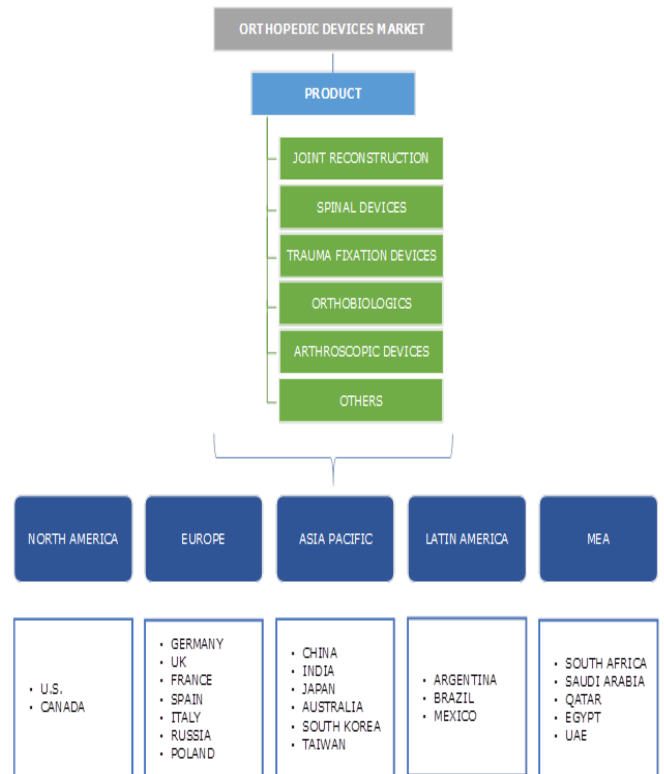


U.S. market will reach USD 28.4 billion by 2025. Increasing adoption of advanced orthopedic solutions and improved healthcare infrastructure will stimulate business growth Germany market size will show rapid growth of 2.5% CAGR throughout the forecast period. The presence of subtle attention infrastructure, adoption of advanced attention technologies and accelerated analysis within the field of ortho biologics and arthroscopic devices ought to fuel trade growth

**Competitive Market Share**

Some of the key players operative within the orthopedic devices trade area embrace Stryker, Medtronic, Zimmer Biomet, DJO Global, ConforMIS, NuVasive, MicroPort Scientific Corporation (Wright Medical Group), Globus Medical, Medacta, DePuy Synthes and Smith & Nephew. For instance, in January 2016, Smith and kinsman proclaimed the acquisition of Blue Belt Holdings Ltd. It provides robotic assistance in partial knee replacement. This acquisition intends to accelerate growth in this area of surgery and expand the NAVIO platform into total knee, bi-cruciate retaining knee and revision knee implants.

**Orthopedic Devices Industry Background**



**What Information does this report contain?**

Historical knowledge coverage: 2014 to 2018; Growth Projections: 2019 to 2025.

Expert analysis: business, governing, innovation and technological trends; factors impacting development; drawbacks, SWOT.

Capacities of those firms in terms of production similarly as property and prospects. 6-7 year performance forecasts: major segments covering applications, high product and geographies.