

Patient Positioning Devices Market Business Forecast Overview 2024-2031 Industry Analysis, Size, Share | Elekta AB

Patient positioning devices are used in various surgical and diagnostics procedures for patient's safety and surgeon's ease of access to the area of operation.

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/EINPresswire.com/ -- Market Overview:



Patient positioning devices help support patients and position them properly during surgical procedures. They include shoulder braces and supports, surgical tables, and strapping. These devices allow unhindered access to the surgical area.

Market Dynamics:

The patient positioning devices market is expected to witness significant growth owing to rising demand for minimally invasive surgeries such as laparoscopic and neurological surgeries. Minimally invasive procedures require precise positioning to allow surgical access while avoiding injuries. Furthermore, increasing incidence of chronic diseases like diabetes, cancer and neurological disorders are also encouraging the use of innovative positioning devices for improved patient care and safety. There is also a growing demand for multi-dimensional surgical tables with features such as integrated monitors, drawers, and advanced control mechanisms to enhance surgical workflow. Rising medical tourism in developing nations is another factor creating opportunities for market players.

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List of TOP Players in Market Report are: -

- Alvo
- Civco Radiotherapy
- C-Rad
- Dexta
- Eschmann Equipment
- Elekta AB
- Getinge AB
- GE Healthcare
- Hill-Rom Inc.
- Innovative Medical Products Inc.
- Leoni AG
- Merivaara Corp.
- Medifa-Hesse GmbH & Co. Kg
- Mizuho OSI
- Opt Surgisystems S.R.L
- Mediland Enterprise Corporation
- Schuremed
- Smith & Nephew PLC
- Span America Medical Systems Inc.
- Steris PLC
- Stryker Corporation
- Skytron
- Xodus Medical Inc.

Note: Major Players are sorted in no particular order.

Rising geriatric population fueling demand for patient positioning devices

The growing geriatric population across the globe is one of the major driver for the patient positioning devices market. With rise in age, risk of injuries and disorders also increases which necessitates the need for proper positioning of patients during diagnosis and treatment. As per WHO, number of people aged 60 years and older is expected to double from 12% to 22% between 2015 and 2050 globally. Aged population is more prone to conditions like arthritis and osteoporosis making positioning crucial. As per population reference bureau, number of Americans aged 65 and above is projected to grow dramatically from 56 million today to over 88 million by 2050 which will augment the demand. Also, recovery time is higher for aged which increases duration of device usage thereby propelling the market growth.

Increasing number of surgeries and procedures driving market growth

Rising prevalence of chronic diseases and disorders has led to increase in number of surgeries and medical procedures performed annually. Patient positioning devices plays a vital role in ensuring safety, comfort and precision during such procedures. As per American Hospital

Association, around 51.4 million inpatient surgeries were performed in US hospitals in 2018. Increased risk of injuries, pressure ulcers etc during extended procedures necessitate proper positioning supporting market expansion. Growth in cancer, neurological, orthopedic cases requiring radiotherapy, MRI, surgeries is positively impacting the sales. Also, growing awareness about benefits of precise positioning during investigative procedures like angiography, biopsies etc is propelling the demand.

Lack of skilled professionals acting as a restraint

Despite growing need, shortage of trained medical professionals for handling positioning devices poses a challenge. Proper knowledge and training is required to ensure correct positioning without risk of injuries. Lack of skilled personnel can compromise outcomes. As per Association of Surgical Technologists journal 2016, only 55-65% operating room staff across US hospitals received training on patient positioning. In developing nations, limited availability of trained technicians restricts optimal device utilization. Absence of competency standards and certification programs particularly in developing world also impacts market potential. Capacity building through training programs can help address this restraint.

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Telehealth presenting lucrative opportunities

Rise of telehealth and remote patient monitoring during pandemic has opened up new opportunities. Integration of positioning devices with telemonitoring systems allows continuous monitoring of posture and pressure points without physical presence. This aids early diagnosis of pressure injuries reducing complications and treatment costs. Also, virtual training capabilities via telehealth help address shortage of skilled professionals by training staff remotely. 5G and IoT integration of devices enables real time data exchange with clinicians for timely intervention. Funding for telehealth integration projects under government initiatives will drive innovation and market growth. Partnerships between device developers and telehealth players can help capitalize on these opportunities.

Growing adoption of medical robotics and computer assisted devices

Advancements in medical robotics and computer assisted devices is a major trend in the positioning devices market. Integration with robotic surgery systems facilitates precise positioning intra-operatively reducing errors. Computer guided positioning aids ensure alignment and prevent slippage. Growing orthopedic robotics market with robot assisted surgeries and rehabilitation therapy robots fosters demand. Adoption of augmented reality in positioning also improves visualization and navigation. Also, 3D printing capabilities enable customized designs as per patient anatomy. Rising R&D on exoskeleton robotics for patients with mobility issues presents new avenues. Focus on development of smart devices with sensors

and AI analytics for predictive monitoring will be a continuing trend.

Furthermore, the years considered for the study are as follows:

Historical data - 2016-2022

The base year for estimation - is 2022

Estimated Year - 2024

Forecast period** - 2024 to 2031

This Patient Positioning Devices Market Research/Analysis Report Contains Answers to your following Questions:

- What are the current global trends in the Patient Positioning Devices market, and will the market experience an increase or decrease in demand in the upcoming years?
- What is the expected demand for various product types within the Patient Positioning Devices market, and what are the emerging Market applications and trends?
- What are the projections for the global Patient Positioning Devices Market in terms of capacity, production, production value, cost, profit, market share, supply, consumption, import, and export?
- How will strategic developments shape the Market trajectory in the medium to long term?
- What factors contribute to the final price of Patient Positioning Devices , and what are the raw materials used in its manufacturing?
- What is the market's growth potential, particularly with the increasing adoption of Patient Positioning Devices in mining?
- What is the current and 2022 value of the global market, and who are the leading companies in this market?
- What recent Market trends can be leveraged to create additional revenue streams?
- What entry strategies, economic impact mitigation measures, and marketing channels should be considered for the Patient Positioning Devices Market?

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Summarized Extracts from TOC of Market Study

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Mr. Shah

Coherent Market Insights Pvt. Ltd.

+1 206-701-6702

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