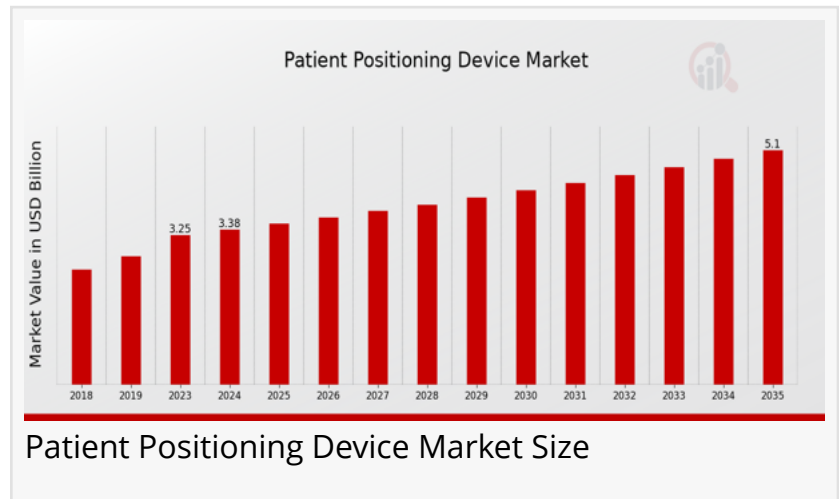


Patient Positioning Device Market Anticipated to Reach USD 5.1 Billion, at a Notable 3.82% CAGR by 2035

The market scope includes various healthcare settings such as hospitals, ambulatory surgical centers, diagnostic labs, and specialized clinics.

US, NY, UNITED STATES, August 6, 2025
/EINPresswire.com/ -- Patient Positioning Device Market Set for Sustained Growth Driven by Surgical Demand and Technological Advancements



The global [Patient Positioning Device Market Size](#) was estimated at USD 3.25 billion in 2023, signaling steady demand across surgical, diagnostic, and therapeutic applications. The market is projected to increase to USD 3.38 billion in 2024, with further acceleration expected to reach approximately USD 5.1 billion by 2035. This upward trend corresponds to a compound annual growth rate (CAGR) of 3.82% during the forecast period of 2025 to 2035. Growth drivers include the increasing volume of surgeries, the expanding elderly population, and technological improvements aimed at enhancing patient comfort and procedural accuracy.

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This strong growth trajectory underscores the expanding role of patient positioning systems in clinical outcomes, safety, and operational efficiency—making the market highly relevant to medical device manufacturers, hospital administrators, procurement leaders, and healthcare investors globally.

Industry Size and Market Scope

As per MRFR, the industry size of the patient positioning device market continues to grow steadily, driven by the rise in hospital admissions for surgical, diagnostic, and therapeutic procedures. Patient positioning equipment is indispensable in ensuring proper alignment during

surgeries, radiation therapy, and imaging. The growing number of geriatric patients and an increase in orthopedic, neurological, and cardiovascular conditions have further intensified the demand.

The market scope includes various healthcare settings such as hospitals, ambulatory surgical centers, diagnostic labs, and specialized clinics. These facilities are increasingly adopting advanced positioning technologies to improve patient safety and clinician workflow.

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Market Segmentation and Segment Growth

The market is segmented based on product type, application, end-user, and region.

By Product Type, key segments include:

Surgical tables

Examination tables

Radiolucent imaging tables

Others (including accessories and devices like cushions, sandbags, etc.)

Among these, surgical tables hold a major share due to the growing volume of surgeries worldwide, particularly orthopedic, cardiovascular, and neurosurgical procedures. Radiolucent imaging tables are also witnessing increased adoption driven by the rise in diagnostic imaging and interventional procedures.

By Application, the market includes:

Surgery

Disease diagnosis

Cancer therapy

The surgery segment leads in terms of revenue contribution, reflecting a rising number of operating rooms globally and increasing focus on precision and patient comfort during invasive interventions.

By End-User, hospitals dominate the market due to high patient intake, broad procedural

coverage, and access to advanced equipment. However, ambulatory surgical centers (ASCs) are emerging rapidly, attributed to cost-efficiency and shorter patient recovery times.

Market Share and Top Companies

The global patient positioning device market is moderately fragmented with several established and emerging players competing on innovation, pricing, and market penetration.

Top companies identified in the MRFR report include:

Alphatec Spine
PAVMED
BR Healthcare
Hillrom
SurgiTech
Kanghua Medical
Shree Nidhi Enterprises
dardi
Getinge
NOVA Medical
Merit Medical Systems
Stryker
Mizuho OSI
Medtronic
MediChair

These companies are investing in R&D, strategic partnerships, and new product launches to enhance their market share and geographic reach. Key competitive strategies include technological advancement, ergonomic design improvements, and integration of patient safety features.

Emerging Trends

Technological innovation is redefining the patient positioning landscape. One of the emerging trends includes the development of robot-assisted positioning systems, particularly in neurosurgery and orthopedic surgeries. These systems help in improving surgical precision and reducing complications.

Additionally, there is growing use of smart materials and pressure-relief surfaces that reduce patient discomfort and the risk of pressure ulcers. Integration of imaging-compatible materials for radiology and radiation therapy tables is also gaining attention.

Another trend is the customization of positioning devices for specific procedures and patient

demographics, including pediatric and bariatric patients.

Opportunities in the Global Market

There are notable opportunities in developing economies, especially in Asia-Pacific and Latin America. Rapid healthcare infrastructure development, increased surgical volumes, and growing investment in hospital modernization are creating demand for advanced patient positioning solutions.

Manufacturers have significant room for growth by offering cost-effective and portable solutions to smaller hospitals and clinics. Additionally, remote and rural healthcare centers represent untapped markets for basic but essential positioning tools.

Recent Developments

Recent product launches and technological upgrades reflect the innovation-driven direction of the market. Companies like Stryker and Hill-Rom have unveiled motorized surgical tables with integrated sensors and memory positions to optimize workflow and minimize human error.

C-RAD, a company specializing in radiation therapy positioning, has introduced real-time surface tracking systems, improving alignment accuracy in cancer treatment.

Mizuho OSI continues to expand its product line for orthopedic and spine surgery with enhanced modularity and patient support systems.

Future Outlook

The future outlook for the patient positioning device market is promising. As global surgical volumes increase and the focus on precision medicine intensifies, the demand for innovative, comfortable, and safe patient positioning solutions is expected to rise.

Healthcare facilities are projected to continue investing in smarter infrastructure, including hybrid operating rooms and advanced imaging centers. This shift will further fuel the need for next-generation positioning systems that support multifunctionality, integration with electronic systems, and compliance with stringent safety standards.

Manufacturers, distributors, and procurement decision-makers are advised to stay abreast of these technological and market shifts. The ability to align product portfolios with evolving clinical needs and regulations will be critical for capturing future growth.

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