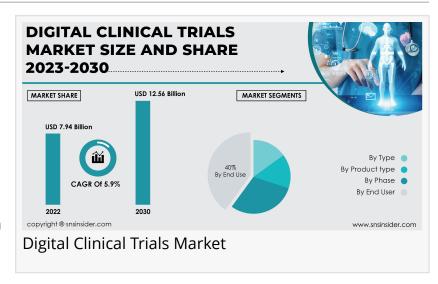


Digital Clinical Trials Market Size to Hit USD 12.56 Billion by 2030; Share, Revenue, Industry Analysis Report

Digital Clinical Trials Market Shows Exponential Growth, Driven by Rising Chronic Disease Burden and Pandemic-Driven Acceleration

AUSTIN, TEXAS, UNITED STATES, January 12, 2024 /EINPresswire.com/ -- The SNS Insider report indicates that the <u>Digital Clinical Trials Market</u> achieved a valuation of USD 7.94 billion in 2022, with a projected increase to USD 12.56 billion by 2030. It is anticipated to exhibit a compound



annual growth rate (CAGR) of 5.9% during the forecast period spanning from 2023 to 2030.

Digital clinical trials represent a transformative paradigm in the landscape of healthcare research, leveraging advanced technologies to streamline and enhance the traditional trial processes. These trials integrate digital tools, such as wearable devices, mobile applications, and electronic data capture systems, to collect real-time data, monitor patient outcomes, and optimize the overall efficiency of clinical studies.

☐Technology Integration in Clinical Research: The Digital Clinical Trials Market is witnessing robust growth due to the widespread integration of advanced technologies, including digital health platforms, wearables, and remote monitoring tools, streamlining the clinical trial process.

☐Patient-Centric Approach: A shift towards a patient-centric approach in clinical trials, facilitated by digital tools that enhance patient engagement, recruitment, and retention, is contributing to increased efficiency and success rates in trials.

☐Real-Time Data Collection and Analysis: The adoption of digital technologies allows for real-time data collection, analysis, and monitoring, enabling quicker insights, improved decision-making, and a more agile approach to clinical trial management.

☐Remote Trial Conductance: The ongoing global health challenges have accelerated the adoption of remote and decentralized clinical trial models, minimizing the need for physical site visits and enhancing accessibility for participants.

☐Regulatory Support and Frameworks: Supportive regulatory frameworks and increased acceptance of digital endpoints in clinical trials are encouraging the industry to embrace innovative technologies, driving growth in the Digital Clinical Trials Market.

The ongoing recession has both positive and negative implications for the digital clinical trials market. On one hand, cost-consciousness may drive increased adoption of digital trials as a more economical alternative to traditional methods. However, financial constraints may also lead to reduced investment in research and development, potentially impacting the overall growth of the market. Companies, under budget constraints, may favor digital clinical trials due to their cost-effectiveness compared to traditional trials.

The Russia-Ukraine war has introduced geopolitical uncertainties that can influence the digital clinical trials market. Disruptions in the global supply chain, regulatory uncertainties, and geopolitical tensions may pose challenges to the industry. However, increased focus on healthcare and research to address emerging health threats may stimulate investments in digital clinical trials. The war may intensify global efforts to address health crises, potentially driving increased investment in healthcare research and digital clinical trials.

By Product type

- Digital Wearable Devices
- Al-Enabled Devices
- Health Apps

By Type

Decentralized/Virtual Clinical Trials

· Hybrid Clinical Trials

By Phase

- Phase I
- Phase II
- Phase III
- Phase IV

By End User

- Pharmaceutical companies
- Biotechnology companies
- Contract Research Organizations (CRO)
- Others

The North American digital clinical trials market is characterized by a robust healthcare infrastructure and a high level of technological adoption. Regulatory support for digital health initiatives and a strong presence of key market players contribute to the region's prominence in the digital clinical trials landscape. Europe is witnessing a surge in digital clinical trials adoption, driven by favorable regulatory frameworks and a growing emphasis on patient-centric healthcare. The region's diverse population and established healthcare systems further contribute to its significance in the market. The Asia-Pacific region presents immense growth potential in the market. Increasing healthcare awareness, a rising burden of chronic diseases, and a large untapped patient population make the region attractive for digital trials. However, challenges related to data privacy and regulatory harmonization need to be addressed for sustained growth.

- Wearables offer real-time insights into various health parameters, enhancing the quality and granularity of clinical trial data. This segment's growth is further fueled by advancements in wearable technology, making them more user-friendly and versatile for different therapeutic areas.
- Pharmaceutical companies play a central role in driving the adoption of digital clinical trials. These companies are increasingly recognizing the benefits of digital technologies in optimizing trial processes, reducing costs, and accelerating time-to-market for new therapies.

- · PPD, Inc
- · Stignant health
- Human first
- CRFweb
- Data Management 365
- IQVIA
- IBM
- Deloitte

- AstraZeneca has recently launched Evinova, a cutting-edge company dedicated to providing digital solutions for clinical trials. The company's focus is on streamlining and optimizing various aspects of the clinical trial process, ranging from patient recruitment and monitoring to data collection and analysis.
- Biofourmis has unveiled an expanded digital clinical trials solution. This strategic initiative reflects Biofourmis' dedication to ushering in a new era of efficiency and effectiveness in the pharmaceutical industry. By integrating advanced digital technologies, the company seeks to streamline the various stages of clinical trials, offering a comprehensive and user-friendly platform for researchers, clinicians, and trial participants.

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Chapter 1 Introduction

Chapter 2 Research Methodology

Chapter 3 Digital Clinical Trials Market Dynamics

Chapter 4 Impact Analysis (COVID-19, Ukraine- Russia war, Ongoing Recession on Major

Economies)

Chapter 5 Value Chain Analysis

Chapter 6 Porter's 5 forces model

Chapter 7 PEST Analysis

Chapter 8 Digital Clinical Trials Market Segmentation, By Product type

Chapter 9 Digital Clinical Trials Market Segmentation, By Type

Chapter 10 Digital Clinical Trials Market Segmentation, By Phase

Chapter 11 Digital Clinical Trials Market Segmentation, By End User

Chapter 12 Regional Analysis

Chapter 13 Company profile

Chapter 14 Competitive Landscape

Chapter 15 Use Case and Best Practices

Chapter 16 Conclusion

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