

## Clinical Decision Support System Market Size Worth USD 10.74 billion by 2030 | Report by Emergen Research

According to Emergen Research the Clinical Decision Support System Market is expected to grow USD 10.74 billion by 2030

VANCOUVER, BRITISH COLUMBIA, CANADA, January 23, 2023 /EINPresswire.com/ -- The global clinical decision support system market size was USD 4.48 Billion in 2021 and is expected to register a revenue CAGR of 10.3% during the forecast period, according to the latest report by Emergen Research. Clinical Decision



Support System Market, By Type (Standalone CDSS, Integrated EHR with CDSS), By Application (Drug Allergy Alerts, Clinical Guidelines, Drug-Drug Interactions, Clinical Reminders), By Delivery Mode, and By Region Forecast to 2030.



Clinical Decision Support
System Market USD 4.48
Billion in 2021, Market
Growth – at a CAGR of
10.3%, Market Trends"
Emergen Research

A clinical decision support system (CDSS) is a health information technology, provides clinicians, staff, patients, or other individuals with knowledge and person-specific information, to help health and health care. CDSS encompasses a variety of tools to enhance decision-making in the clinical workflow. These tools include computerized alerts and reminders to care providers and patients, clinical guidelines, condition-specific order sets focused patient data reports and summaries,

documentation templates, diagnostic support, and contextually relevant reference information, among other tools.

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Report Scope:
Forecast Period : 2023-2030
CAGR: 10.3%
Base Year: 2022
Number of Pages: 250
Top Companies Operating in the Electrotherapy Market and Profiled in the Report are:
McKesson Corporation
Siemens Healthcare GmbH
Allscripts Healthcare, LLC.
NXGN Management LLC.
Athenahealth, Inc.
Koninklijke Philips N.V.
Agfa-Gevaert Group
Wolters Kluwer N.V.
Oracle
Medical Information Technology, Inc.
Carestream Health
General Electric
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Some Key Highlights from the Report

The standalone clinical decision supporting system segment accounted for largest share in 2021. Rapid advancements in information technology and their integration in healthcare system is major factor driving revenue growth of this segment. In addition, high adoption rate attributed to its low cost is also driving revenue growth of this segment.

The drug allergy alerts segment accounted for largest revenue share in 2021. This can be attributed to increasing burden of allergies due to drugs, which are highly patient-specific. Prior to administration or dispensing of a drug inside a patient, a systematic assessment of the drug that is suitable for patient must be analyzed. Automated, Al-equipped clinical decision support system devices can notify healthcare professionals, which drug can be allergenic to a particular patient and thus enhance quality of patient care system.

The web-based system segment accounted for a significant revenue share in 2021. Increased accessibility to a repository of various records and data is driving revenue growth of this segment.

## Regional Insights:

The North America market accounted for the largest revenue share than other regional markets in the global clinical decision support system market in 2021

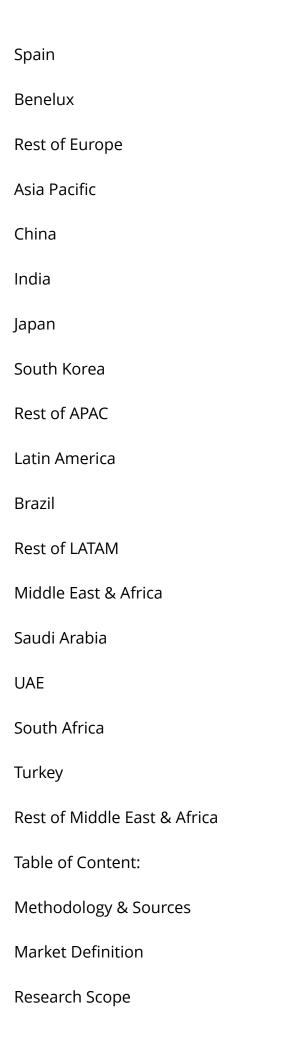
The North America market accounted for largest revenue share in 2021. Advancement in information technologies in the medical industry is a major factor driving market revenue growth in this region. According to The Office of National Coordinator for Health Information Technology (ONC), the U.S. has registered an increase in adoption rate of EHR-equipped clinical decision support system platforms in various fields of the healthcare industry from 2019 to 2021. For example, pediatric health and specialty sectors have experienced an increased adoption rate of 68% and 43%. High adoptions of EHR-equipped CDSS in various healthcare applications are attributed to market revenue growth in this region. Governments in countries in this region are also investing in development of automated healthcare environment largely driven by AI. In addition, governments are launching awareness programs related to various innovative clinical decision support system technologies and creating awareness among hospitals related to usages and advantages of CDSS. For instance, on November 18, 2020, U.S. Centers for Medicare & Medicaid Services (CMS) announced to provide incentives to medical practitioners for using various clinical decision support devices in their diagnoses. CMS has announced to provide incentives for using ContaCT by Viz.ai, Inc. and IDx-DR by Digital Diagnostics Inc. These strategic initiatives are driving market revenue growth in this region.

Segments Covered in Report

Type Outlook (Revenue, USD Billion; 2019-2030)

Standalone CDSS

Integrated CPOE with CDSS
Integrated EHR with CDSS
Application Outlook (Revenue, USD Billion; 2019-2030)
Drug Allergy Alerts
Clinical Guidelines
Drug-Drug Interactions
Clinical Reminders
Delivery Mode Outlook (Revenue, USD Billion; 2019-2030)
Web-based systems
Cloud-based systems
On-premises systems
Regional Outlook (Revenue, USD Billion; 2019-2030)
North America
U.S.
Canada
Mexico
Europe
Germany
France
UK
Italy



Methodology
Research Sources
Primary
Secondary
Paid Sources
Market Estimation Technique
Executive Summary
Summary Snapshot, 2022–2030
Key Insights
Clinical Decision Support System Market Segmentation & Impact Analysis
Clinical Decision Support System Market Segmentation Analysis
Industrial Outlook
Market indicators analysis
Market drivers' analysis
High demand for modern and integrated medical devices
Increasing governmental regulations and initiatives for development
Market restraint analysis
Data security concerns related to cloud-based clinical decision support systems
Lack of skilled information technology professionals in the healthcare sector
Technological Insights
Regulatory Framework

Porter's Five Forces Analysis

Competitive Metric Space Analysis

Price Trend Analysis

Covid-19 Impact Analysis

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Eric Lee
Emergen Research
+ +91 90210 91709
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