eClinical Solutions Market by Product, Delivery Mode, Clinical Trial Phases, End User - Global Forecast to 2020

Description: Growing adoption of software solutions during clinical trials, increasing research and development expenditure by pharmaceutical companies, government grants to support clinical trials, and rising number of potential customers for eClinical solutions are some key factors fueling the growth of the market.

Furthermore, increasing clinical research in emerging Asian countries, shift of clinical trials and resources from AMCs to CROs, developments of cost effective modules, and global rise in the number of clinical trials are offering new growth opportunities for market players. However, factors including high implementation cost, dearth of skilled research professionals, and lack of awareness of clinical data sciences software in research community are hampering the market growth.

Emerging markets including China, Korea, Taiwan, and India have become attractive destinations for outsourcing of clinical trials due to presence of large patient population and low operating cost in conducting clinical trials in these countries. Less stringent regulatory guidelines compared to developed nations in these countries, shortage of trial volunteers in Europe and North America, and growing number of life science research companies and CROs are the key factors propelling the demand for eClinical solutions in emerging markets. In order to leverage the high growth opportunities in these emerging nations, leading market players are expanding their presence in these countries.

As of 2014, Oracle Corporation (U.S.) held the leadership position in the global eClinical solutions market. Over the past three years, the company has adopted partnerships, agreements, and collaborations; new product launches and product enhancements; and product deployments as key business strategies to ensure its dominance in this market. Medidata Solutions, Inc. (U.S.) PAREXEL International Corporation (U.S.), BioClinica, Inc. (U.S.), CRF Health (U.S.), DATATRAK International, Inc. (U.S.), ERT (U.S.), eClinical Solutions, Inc. (U.S.), Merge Healthcare Incorporated (U.S.), and OmniComm Systems, Inc. (U.S.) are some of the other key players in this market.

Scope of the Report

This research report categorizes the eClinical solutions market into the following segments:

By Product
- Electronic Data Capture (EDC) and Clinical Data Management Systems (CDMS)
- Clinical Trial Management Systems (CTMS)
- Clinical Analytics Platform
- Randomization and Trial Supply Management (RTMS)
- Clinical Data Integration Platform
- Electronic Clinical Outcome Assessment (eCOA)
- Safety Solutions
- Electronic Trail Master Files (eTMF)
- Others (Regulatory Information Management Solutions, Coding Systems, and Core Laboratory Integration Solutions)

By Delivery Mode
- Web-hosted (On-demand)
- Licensed Enterprise (On-premise)
- Cloud-based (SaaS)

By Clinical Trial Phase
- Phase I
- Phase II
- Phase III
Phase IV

By End User

- Pharmaceutical and Biopharmaceutical Companies
- Contract Research Organizations
- Consulting Service Companies
- Medical Device Manufacturers
- Hospitals
- Academic Research Institutions

By Region

- North America
  - U.S.
  - Canada
- Europe
- Asia-Pacific
- Rest of the World

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