Cerner’s PowerTrials

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**Connect Clinicians and Patients to Clinical Research**

Cerner’s *PowerTrials*

**Leverage Cerner’s commitment to integration**

*PowerTrials*, a module within the Millennium EHR system, integrates prospective research into clinical care workflows.

- **Enhance patient safety**
  - *PowerTrials* is embedded in the EHR, thus all clinicians have awareness of their patients’ research participation via an “on study” flag.

- **Support study recruitment**
  - *PowerTrials* systematically compares EHR records and study criteria to alert researchers and clinicians when a patient is a good candidate for a study.

- **Streamline research processes**
  - *PowerTrials* integrates with core EHR features so you can ensure accurate and efficient research visits.

**Our Commitment to Integration**

**Challenge**

Historically, research and health care information technology systems have been disconnected, supporting separate, and sometimes redundant, processes and workflows. Unfortunately, the use of disparate systems can result in patient safety concerns, inefficient processes, data quality issues and challenges in research billing.

**Solution**

The *PowerTrials*® solution helps clinicians and patients get involved in the development of new therapies. *PowerTrials* harnesses the unified Cerner Millennium® architecture to facilitate clinical studies. The solution incorporates research processes into the workflow of Cerner’s electronic health record (EHR), ensuring that clinical research and clinical care share relevant data. This integrated approach enhances patient safety, protocol compliance, efficiency and data quality. You can use *PowerTrials* to organize the flow of clinical trial data. The solution efficiently identifies candidates, consistently manages documentation and integrates data capture.

**Screening patients, protocols**

A related solution, *PowerTrials Screener*, fuels clinical trial enrollment by unifying patient care process with the identification of clinical research candidates.

This Cerner Millennium screening engine compares clinical trial inclusion and exclusion criteria to patient data in the system. The engine then alerts clinicians and researchers at the site to patients who meet initial eligibility requirements.

As a researcher, you will be able to use *PowerTrials Screener* to test study feasibility. Information gathered can guide protocol revisions and enable the discovery and prioritization of research opportunities.

Protocol-specific screening modules support two distinct workflows for identification of potential research candidates. Specifically, these modules screen:

- Protocols against a specified patient population (researcher workflow)
- A patient against available protocols (clinician workflow)
Integrated Study Management Benefits Multiple Stakeholders

With PowerTrials:
- Site researchers can document study enrollment activities and efficiently organize protocol documents and information such as key contact.
- Clinicians can view relevant information in context of their workflows within their patients’ charts.
- Research directors can use oversight reports to track accrual metrics across all protocols or at the protocol-patient level.

Streamline Research Care and Billing

Because PowerTrials is embedded within the EHR, all clinical care related to research is conducted using the same robust EHR functionality that is used for all clinical care. In addition, PowerTrials integrates research-specific features into existing EHR workflows. The result is that clinicians do not have to be trained on a second research system and can benefit from the same safety and efficiency improvements inherent in the core EHR technology.

For example, with PowerPlans, researchers have the ability to group orders into a multi-tiered plan of care. By creating study-specific PowerPlans, researchers can use the system to drive the procedures and assessments for each study visit.

Researchers also can link the PowerPlan to study enrollment status to limit the use of the plan to those enrolled on the study. Finally, using the PowerPlan research account feature, your research site can delineate research charges from the standard of care to ensure accurate research billing.

Integrated Data Capture

Through the integrated data capture (IDC) capability, researchers can electronically transcribe research information from the EHR to an electronic case report (eCRF) system. The eCRF is the cornerstone of Cerner’s suite of solutions to support clinical research:

- Patient care (PowerChart®)
- Order sets and care plans and delineation of research charges (PowerPlan™)
- Determination of security rights and privileges for research personnel based on roles and defined per protocol
- Decision support (Discern Expert®)
- Integrated data capture (compatible with compliant research systems, including Discovere™, Cerner’s secure, Web-based solution for research data capture)

Oncology

We recognize the importance of oncology research within the scope of clinical research, and understand that specialized functions are needed to advance oncology research.

To accommodate these opportunities, Cerner has developed the PowerTrials Oncology package. This offering enables oncology researchers to work within a solution specifically designed to accommodate their workflows and research imperatives.

Too Important to Stay the Same

Cerner’s mission is to contribute to the systemic improvement of health care delivery and the health of communities.

Since our company began more than 30 years ago, we have transforming health care by eliminating error, variance and waste for providers and consumers around the world. Our solutions optimize processes for organizations ranging from single-doctor practices to entire countries, for the pharmaceutical and medical device industries, and for the field as a whole.

As we enter our fourth decade, we remain focused on developing innovations that will improve our entire system.

Health care is too important to stay the same, so we’re changing the way people:
- Use and share information
- Pay for health and care
- Think about health

Join us as we make health care all that it can be. For more information, please call 866.221.8877, option 1, or visit www.cerner.com.

Connect relevant data with PowerTrials

You can use PowerTrials to support various administrative and oversight activities associated with research, including:

- Use and share information
- Pay for health and care
- Think about health

Join us as we make health care all that it can be. For more information, please call 866.221.8877, option 1, or visit www.cerner.com.

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