

# Clinical Research Transformation



## Is your hospital using EHRs to its fullest potential?

Maximize your electronic health records (EHRs) for research. The distinction between clinical and research data continues to shrink. Is your hospital taking full advantage of this technological shift? Leidos can maximize your hospital's research potential.

### BENEFITS OF EXPANDING YOUR RESEARCH POTENTIAL:


- ▶ Helping patients
- ▶ Market differentiation
- ▶ Attracting more research sponsors
- ▶ Improved business performance
- ▶ Better clinical decision support

### RESULTING VALUE TO YOUR ORGANIZATION:

- ▶ Provides a low-cost/potentially high-impact way to add a new profit stream to offset EHR costs or technology investments
- ▶ Offers EHR-driven clinical trials and trial recruiting as a rapid and cost-effective way to provide the differentiated health offerings patients are increasingly seeking
- ▶ By turning the capabilities inward and using an evidence-based approach, hospitals/health systems can better evaluate overtime use versus peers and competitors

Whether your hospital or health system is research naïve or highly experienced, the Leidos Clinical Research Transformation team advances your existing clinical research capabilities.

Hospital Goal	Leidos Solution
<b>Assess</b> EHRs for research readiness	Assess and document gaps in EHRs
<b>Enable</b> EHRs for clinical research	Remediate gaps noted during the assessment, resulting in a research-ready EHR
<b>Utilize</b> EHRs for clinical research	Clinical research management services, including local research informatics support
<b>Optimize</b> clinical research	Conduct assessments to further improve existing capabilities



The 21st Century Cures Act opened the door for observational studies to join traditional clinical research in the drug and device approval process. Observational studies are just one of the many applications for research-ready EHRs.

## Clinical research transformation can answer key questions such as:

- ▶ Are we missing opportunities to participate in research?
- ▶ Could we be gaining revenue by providing EHR data access to researchers?
- ▶ How do we take our clinical research metrics from "descriptive" to "prescriptive"?
- ▶ What insights are hidden in the data we are collecting?
- ▶ How can we open the "right" trials — not just open them faster?
- ▶ Is there an opportunity for research and clinical practice to more closely align?

*The more widespread use of RWE [real-world evidence] can make our medical product development process more efficient, and help lower the cost of development. More importantly, it can help make sure doctors and patients are better informed about the clinical use of new products, enabling them to make more effective, efficient medical choices. This will ultimately help us achieve better outcomes and safer and more efficient use of expensive technology.*

**Scott Gottlieb, MD**; Commissioner of Food and Drugs  
Examining the Impact of Real-World Evidence on Medical Product Development – Workshop One: Incentives;  
National Academy of Sciences; Washington, DC;  
September 19, 2017

## THE LEIDOS ADVANTAGE:

- ▶ Decades of clinical research expertise, including support to the National Institutes of Health, Centers for Disease Control and Prevention, and U.S. Food and Drug Administration
- ▶ Decades of EHR implementation and support experience
- ▶ Solutions focused on your hospital's needs and goals
- ▶ Option to provide local research informatics support
- ▶ Leverages our existing hospital and researcher network

## ABOUT OUR TEAM

The Leidos team brings a unique blend of traditional clinical research expertise as well as the use of digital applications for clinical research. Our staff are subject matter experts in healthcare data standards, data analytics, healthcare systems integration, clinical research project design, and clinical research project management. We have helped hundreds of hospitals achieve their EHR implementation goals by understanding the needs of hospital administrators and staff.

## FOR MORE INFORMATION

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