OVERVIEW

Part I: The Merger of EHR and EDC:
Biopharmaceutical and device companies have been struggling for years to successfully and efficiently move away from paper data collection towards electronic data capture (EDC). While some companies struggle with the transition from paper to Electronic Data Capture (EDC), innovative companies are already seeking optimal solutions to obtain clinical trial data directly from Electronic Health Records (EHR). Merging electronic healthcare records (EHR) and EDC is an opportunity for biopharmaceutical and device firms to work closer with clinical sites to streamline processes improve data quality and lower costs.

Part II: From EMR to EDC:
The advantages of EDC over paper are well understood and have been demonstrated in numerous trials. But most data collected on EDC studies still require the transcription of study data from a source document and this is inherently a time consuming and error-prone process. Many clinics and hospitals have implemented electronic health records and innovative sponsors are looking for ways to extract the clinical data directly from these records. It is estimated that up to 70-80% of the necessary clinical trial data is already recorded in the EHR. While this represents a significant opportunity, another tool is needed to collect the remaining data and to provide a means for data query and clean-up.

Importing the relevant data from an EHR directly into an EDC program provides the efficiency of reduced data entry and offers an interface for the sponsor to manage study data. This talk will explain the implementation of a system that automatically extracts EHR data into an Electronic Data Capture (EDC) interface. It will describe the implementation issues encountered and will discuss the process efficiencies realized.

LEARNING OBJECTIVES

At the conclusion of this webinar, participants should be able to:

- Explore the issues surrounding the implementation of a system for the automated transfer of Electronic Health Record (EHR) data into an Electronic Data Capture (EDC) system.
- Describe the process efficiencies gained by the automated transfer of EHR data into EDC.
- Discuss the role of biopharmaceutical and device firms in expediting healthcare IT Adoption
- Assess the value that electronic healthcare (EHR) data provides to biopharmaceutical and device companies

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The Merger of EHR and EDC
Meeting I.D. # 06219 – April 28, 2006, 11:00-12:30 PM EDT

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