HEALTH INFORMATICS AND ANALYTICS

CALIBRE
Our Success Follows Yours®

CALIBRE Systems, Inc. is an employee-owned management consulting and digital transformation company supporting government and commercial clients since 1989. CALIBRE supports health organizations with solutions covering a wide range of functionality in medical and scientific research, clinical care, genomics, bioinformatics tools, and information technology.

DEEP EXPERTISE

Clinical Data
CALIBRE provides research support and technical expertise in collecting data during formal clinical trial programs, helping our clients identify actionable new insights, and improve outcomes in health and medical research.

Data Extraction and Integration
CALIBRE retrieves structured and unstructured clinical data for further data processing, integration, and storage.

Electronic Data Warehouse (EDW)
CALIBRE conceptualizes, designs, and builds the EDW to act as a central repository of integrated clinical data from one or more disparate source systems.

Data Mining
CALIBRE data scientists use data classification, combined with advanced analytical techniques and innovative applications, to discover meaningful insights and strive for more predictable health outcomes.

Value-Based Data Outcomes
CALIBRE's health informatics solutions support medical research and health organizations in their decision-making and communications to drive the greatest value to research programs and patients. Our dedicated and experienced practitioners analyze and optimize operations to improve performance and contain costs.

DEMONSTRATED IMPACT

Eli Lilly
Lilly needed to automate the process of communicating safety information to more than 10,000 worldwide stakeholders of clinical trials. CALIBRE combined clinical research safety data and information technology (IT) to develop a new electronic SAFety Reporting Notification System (SAFR NS). The system aggregated data from safety and clinical operations source systems, distributed safety reports to investigative sites, and provided consolidated compliance reporting for Lilly global stakeholders. The automated process has reduced safety report distribution time, controlled millions of dollars in costs, and increased accuracy of compliance.

National Institute on Drug Abuse (NIDA)
CALIBRE designed and built a Clinical Data Repository (CDR) to store, identify and apply business rules for consistent, clinical data acquisition and integration from 93 nationwide research sites. The EDW included metadata needed to reuse information assets to support secondary analysis of patient safety and outcome data.

National Institutes of Health, Office of Science Policy (OSP)
CALIBRE developed an informatics program (GeMCRIS) to act as an interactive database for human gene transfer trials. The database serves as a public information resource, a system to facilitate the reporting of adverse events, and an analytical tool for National Institutes of Health (NIH) and the Food and Drug Administration (FDA) to use in the evaluation of safety data from the trials.

140+
Health and Information Management Professionals

49
NIH Merit and CIO Awards in 2018

20+ IT Systems
Designed, Developed, and Maintained

400,000
Safety Reports managed and securely delivered annually

3.9M
PubMed Central (PMC) journal articles analyzed and archived

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