

Maternal-infant Child Health and Environment Research Symposium:
“How Local Research can Influence Policy and Practice”

Thursday, February 26th, 2009, 08:00-17:00 hrs
Maple Leaf Room, Lister Conference Centre, University of Alberta

Poster Presentation:

Clinical Research Informatics Core:

WCHRI's Clinical Research Informatics Core (CRIC) facilitates the collection of quality clinical research data through the provision of core technology and technology based services. CRIC provides technology support and data management services to WCHRI members, researchers based within the Department of Pediatrics and a broader group of researchers with ties to the Department of Pediatrics at the University of Alberta. Services are provided to WCHRI members on a cost recovery basis.

Skills and Capabilities

CRIC personnel are experienced in a broad range of relevant competencies including:

Clinical data management of randomized clinical trials for to regulatory standards.

Project management

Systems analysis and software application development.

Industry standards. GCDMP (Good Clinical Data Management Practice), ICH GCP (Good Clinical Practice), CDASH (Clinical Data Acquisition Standards Harmonization).

Core Products

CRIC's approach to maintaining a sustainable research environment is to focus on provision of a small number of key applications. Bespoke software development is avoided when practical. Any development projects that are undertaken are managed through CRIC with the intention of providing ongoing support for the duration of the project.

Core technologies currently include:

OpenClinica

Provides Electronic Data Capture (EDC) capability for randomized clinical trials, large cohort and smaller clinical trials. Features include: fast study implementation, 'soft' data validation at the point of entry, standards compliance, secure hosting and complete audit trails.

Checkbox

Provides online survey and data capture capability including dynamic flow control and 'hard' data validation.

SAS

SAS is the industry standard tool for data manipulation and analysis of regulated clinical trials.

We are also evaluating CaTissue as a tool to support WCHRI's cord blood and bio-banking operations.