Clinical Research Data Warehouse (CRDW) Cohort Query & Extract Tools

Location: Froedtert Hospital LL Pavilion L772A

Contact for CRDW Technology & Content Development:

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Contacts for CRDW tools

- **Tool Access, Training & Introductory Presentations:**
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- **Technical issues:**
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Clinical Research Data Warehouse website

Overview

i2b2 & TriNetX, the CRDW's cohort discovery tools, provide researchers from all CTSI partner institutions with easy-to-use, self-service methods to query the CRDW to answer the question, "Does the CRDW contain a cohort of patients with certain characteristics?" Search criteria can include patient demographics, ICD9/10 coded diagnoses, ICD9/10 and CPT coded procedures, laboratory test results, medication orders and administrations, Foundation Medicine genomic test results, NAACCR tumor registry data, MCW Tissue Bank biospecimens, as well as clinical encounter characteristics such as provider, specialty or department.

In response to a query, i2b2 & TriNetX will return an approximate number of patients matching the search criteria. Neither patient identifiers nor clinical data are revealed. Researchers can store their cohort searches online and then use the CTSI Biomedical Informatics Honest Broker tool to extract and review detailed clinical data for their research cohorts.

Release of identified data from the CRDW for research purposes requires Medical College of Wisconsin IRB approval. Templated language for principal investigators to include in IRB applications is available on the CRDW website.

Terms of Use

Users of the Medical College of Wisconsin's CRDW tools (systems) acknowledge that:

- These systems were not designed, nor were they intended, to support any aspect of patient care and their use for any patient care purposes is prohibited.
- The results returned by these systems must be stored securely and may not be distributed outside of Medical College of Wisconsin.
- All searches and/or extractions executed within these systems are logged and will be examined as part of routine compliance audits. System user identity is recorded along with information related to each executed search and/or extraction.

- Persons registered as users of these systems <u>may not</u> share their login information with any other person for purposes of accessing the systems.
- Only registered users who are Medical College of Wisconsin faculty, adjunct faculty, postdocs or academic staff may use these systems.

Requirements

To use the Medical College of Wisconsin CRDW tools you must be:

- A CTSI member: *Join CTSI here*
- CTSI member institution faculty, adjunct faculty, postdoc or academic staff
- Sponsored by an MCW faculty or adjunct faculty PI
- Provisioned with mcwcorp login credentials
- Connected to the Medical College of Wisconsin network
- Current with MCW-required CITI training modules in Human Subjects Research

Hours: Monday – Friday, 8:00 am – 5:00 pm

Common users of the facility: broadly used across the CTSI research community

Rate: Maintenance of the CRDW and access to its toolset is subsidized by MCW and the CTSI. Consultative and/or development effort beyond 2 hours will require a statement of work and become a billable event. Please contact us for details on billing.