

# **REDCap application** for multi-site studies

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# Basic Features

- Web-browser based application: no further installation or IT programming required to set up a project
- User-friendly interface for form building (Online Designer) and data entry
- Data quality control by field validation options, branching/skipping logic, and calculated fields
- Supports Web-survey and longitudinal model
- Data protection by setting a project in production mode
- built-in user rights control and audit trails for data security and tracking
- Data export to common statistical packages (SPSS, SAS, R, Stata) and Microsoft Excel
- Data import capability through Microsoft Excel (.csv)
- Secure server maintained in IHRP
- Installed and supported by CCTS ([www.redcap.ihrp.uic.edu](http://www.redcap.ihrp.uic.edu))

# REDCap features for multisite studies (1)

	<b>Needs of Multisite Studies</b>	<b>REDCap Features</b>
1	Data entry to one same form with unified formats and store in secure server in real time all in one place.	Data Entry Form Validation options
2	Linking forms to one participant without re-entering IDs	Find a record in data entry form. Piping
3	Limiting access to other site's data	User Rights, Data Access Group
4	Protect participant information	Identifier setting, Data export Tool
5	Prevent enrolling same participant already registered by another site	Unique ID fields
6	Eligibility check while interviewing	branching logic Calculated field

## REDCap features for multisite studies (2)

	Needs of Multisite Studies	REDCap Features
7	Tracking data collection status	Dashboard, Data Export, Report builder, Data Quality module
8	Audit trail	Logging
9	Repeated measure and scheduling	Longitudinal, Scheduling
10	Common forms and site specific forms	Arms
11	Randomization by site	Randomization module
12	Safe storage of participants' document	File uploading, Data Repository
13	Site communication	Calendar, File repository, Send-it, Field Comment Log
14	Translated form	Data Dictionary

## REGISTRY FORM

Assign record to a Data Access Group?

Demonstration View

Editing existing Primary ID 7 (Please copy and paste the blue secondary id code showing above. [hjk02-06-1996](#))

Primary ID	7 <small>(To rename this record, modify the value immediately below.)</small>
Primary ID	<input type="text" value="7"/>
Agreed to participate in the study?	<input checked="" type="radio"/> Yes <input type="radio"/> No <a href="#">reset</a>
agreed date	<input type="text" value="02-10-2015"/> <input type="button" value="Today"/> M-D-Y
Initial of the patient's name (e.g. first, middle, last name initials)	<input type="text" value="hjk"/> <small>put X if no middle name</small>
Date of birth	<input type="text" value="02-06-1996"/> <input type="button" value="Today"/> M-D-Y
Age (years)	<input type="text" value="19"/> <a href="#">View equation</a>
The secondary ID should be <a href="#">hjk02-06-1996</a>	
Please copy and paste the blue secondary id code showing above.	<input type="text" value="hjk02-06-1996"/>
Child's gender	<input type="radio"/> Male <input checked="" type="radio"/> Female <a href="#">reset</a>
Are you diagnosed with hypertension?	<input checked="" type="radio"/> Yes <input type="radio"/> No <a href="#">reset</a>
Are you currently taking any medication to lower your blood pressure level?	<input checked="" type="radio"/> Yes <input type="radio"/> No <a href="#">reset</a>
	<input type="radio"/> American Indian/Alaska Native

# For more information

- **Account set-up**
  - Full access right : Online request form to CCTS ([http://www.cade.uic.edu/CCTS\\_Service\\_Requests/login.aspx](http://www.cade.uic.edu/CCTS_Service_Requests/login.aspx))
  - Limited access right: [redcapihrp@uic.edu](mailto:redcapihrp@uic.edu)
- **REDCap 101 video**
  - <http://www.ccts.uic.edu/repository/redcap-101>
- **In person consultation meeting**
  - Submit an online request form and schedule meeting.