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Research Electronic Data Capture



Agenda

- REDCap Background
- REDCap Overview
- Incentives of using REDCap
- Supported Projects
- Current Status
- Information Sources
- REDCap Features





REDCap Background

- Vanderbilt University
- 1,990 Institutional Partners
- 105 countries
- 284,000 projects
- 390,000 users



- Current 6.11.3/Latest Release 6.15.6
- Language Translation: Chinese, French, German, Portuguese.
 Spanish



REDCap Overview

- Intuitive & secure
- Web-based and accessible
- Capture and manage data
- Schedule events & appointments
- Conduct online surveys
- Customized reports
- Research & clinical trial data
- Regulatory compliance: HIPPA,
 CFR Part 11, FISMA, etc.





Incentives for Users

- Self-service, easy to use
- No cost, high usability
- Quick turn-around
- Data quality and control
- Enhanced collaboration
- Securely behind firewall
- Encrypted backups
- Regulatory compliance





Incentives for Lawson

- Low cost
- Replace Excel, Access, Survey-Monkey
- Standardize, share datasets and warehouse data
- Satisfies the high demand
- High user satisfaction rate
- Low maintenance
- Ongoing REDCap updates





Supported Projects

- Ethics Approved
 - REB
 - CTO
 - OCREB
- Lawson Approved
- All projects require a Sponsor/PI







About Lawson Staff Resources

Support Resources Contact Us

search term

Preparing for Research

Conducting Research

Completing Research

intra.lawsonresearch.ca/conducting-research/redcap

Home » Conducting Research

REDCap

REDCap is a Research Electronic Data Capture web-based tool for creating and managing online database applications and surveys. Hosted at the hospitals' data center, Lawson Research Informatics administrates this secure platform to meet diverse research needs of the Lawson community.

Please note:

- Only REB and Lawson approved research projects led by Lawson researchers are allowed to be hosted on Lawson REDCap Instance.
- All projects require a principal investigator.
- · All users must have completed and signed corporate Privacy & Confidentiality Training

Personnel

Accounts

REDCap

Get Started

REDCap Policies

REDCap Best Practices

Training

How To

Forms

REDCap FAQs

Contact Us



redcap.lawsonresearch.ca

Log In



REDCap is a Research Electronic Data Capture web-based tool for creating and managing online database applications and surveys. Hosted at the hospitals' data center, Lawson Research Informatics administrates this secure platform to meet diverse research needs of the Lawson community.

Please note:

All research participants have a right, under law, to have their health/medical/personal information treated in confidence.

By entering or accessing information in REDCap you:

- 1. Have read and understand the Privacy policies for the organization you work for.
- Will only collect, use and disclose information (which may include personal information or personal health information) that has been approved by the REB and Lawson.
- Are aware user activities in REDCap are audited.
- 4. Will ensure that you comply with the Acceptable Use of Information Technology Resources by ensuring that the devices you use have administrative, technical and physical safeguards in place.
- Will comply with the privacy legislation and regulations of Ontario.
- Will report any privacy breaches to the Privacy Office of your organization.
- Understand that misuse, failure to safeguard, or the disclosure of confidential information without appropriate approvals may be cause for disciplinary action up to and including termination of employment/contract or loss of appointment or affiliation.
- 8. Will return corporate business information, corporate property and/or personal health information at the end of your employment relationship and will continue to protect the privacy and confidentiality of research participants/staff/affiliates after your employment relationship has ended.

Please log in with your user name and password. If you are having trouble logging in, please contact REDCap Administrator.

Username:	
Password:	

Log In

Forgot your password?



Infrastructure

- REDCap Information
 - > Lawson Intranet
- REDCap Projects
 - ➤ REDCap Instance
- Access
 - ➤ Corporate ID
- Support Email
 - > REDCap@lawsonresearch.com





Documentation

- Project Workflow Process
- REDCap Policies
- REDCap Best Practices
- End-User Agreement for PIs
- End-User Agreement for non-Pls
- Project Initiation Form
- User Access Request
- User Rights Matrix
- Project Transition Form





Current Status

- Available at Lawson
- Free of Cost
- Approved by Privacy Office
- Supported by the Hospital IT
- More than 20 departments
- Total Projects: 86
- Total Users: 165



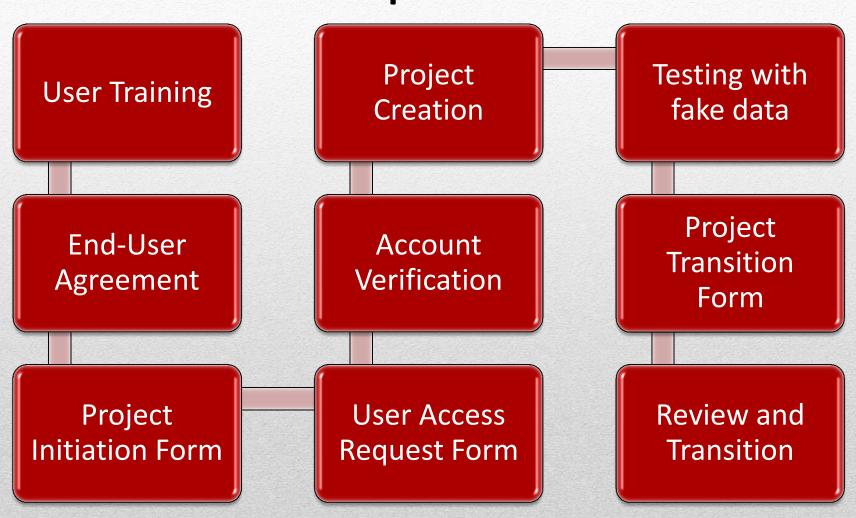


DETAILS:

- REDCap Process at Lawson
- REDCap project setup
- REDCap Features



REDCap Process







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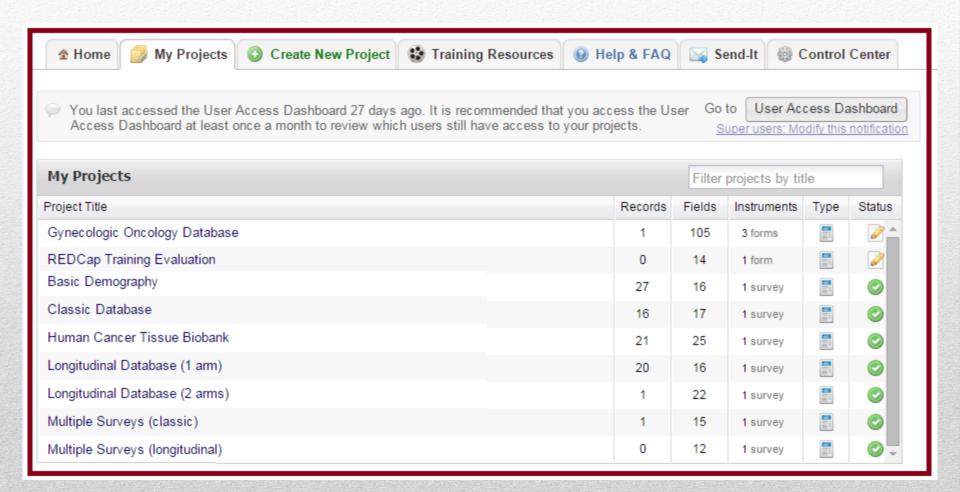
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Username:		
Password:		
	Log In	Forgot your passwor

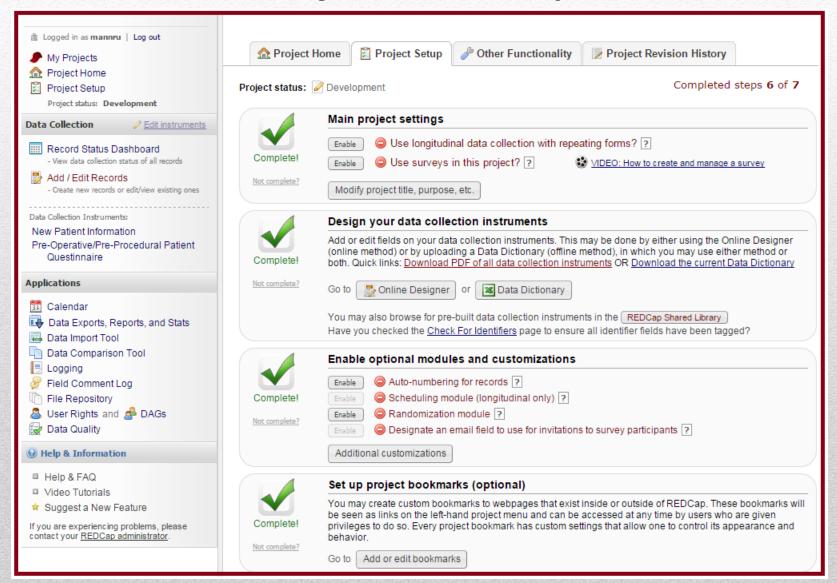


Project Setup

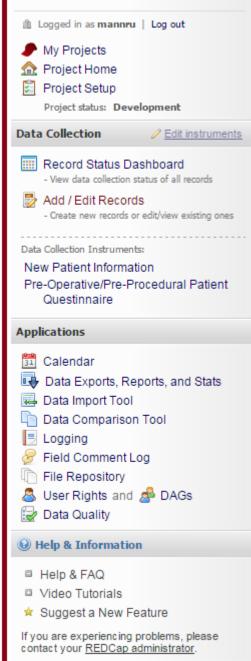




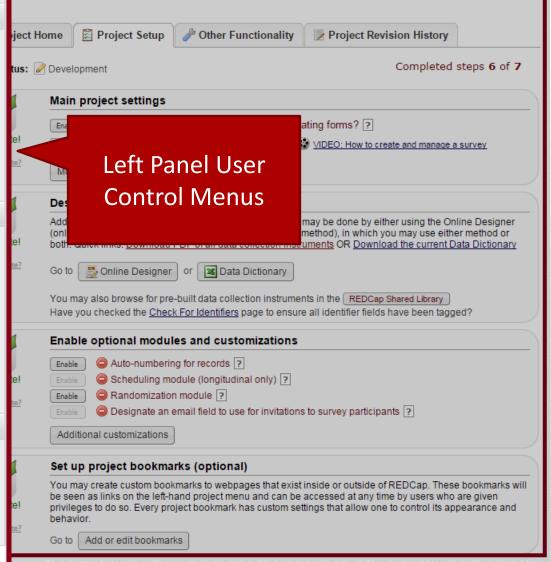
Project Setup







roject Setup





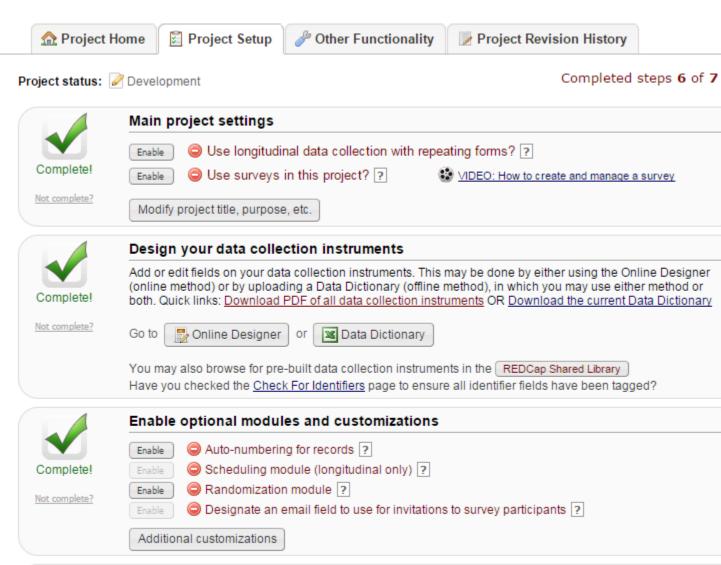


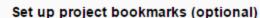
If you are experiencing pro

contact your REDCap adr

Complete!

Not complete?

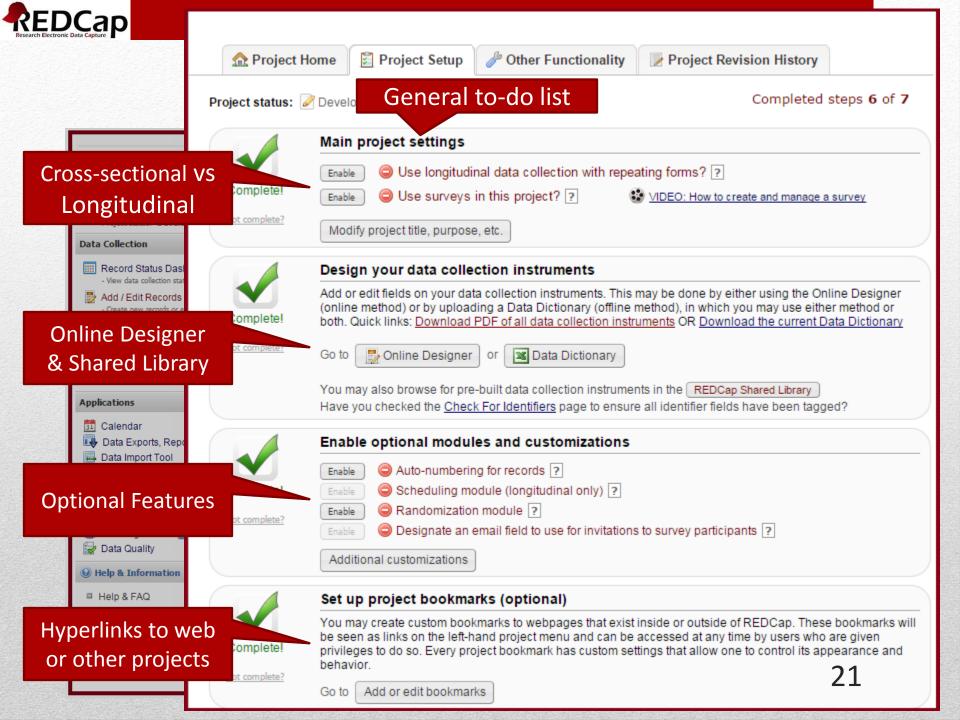




You may create custom bookmarks to webpages that exist inside or outside of REDCap. These bookmarks will

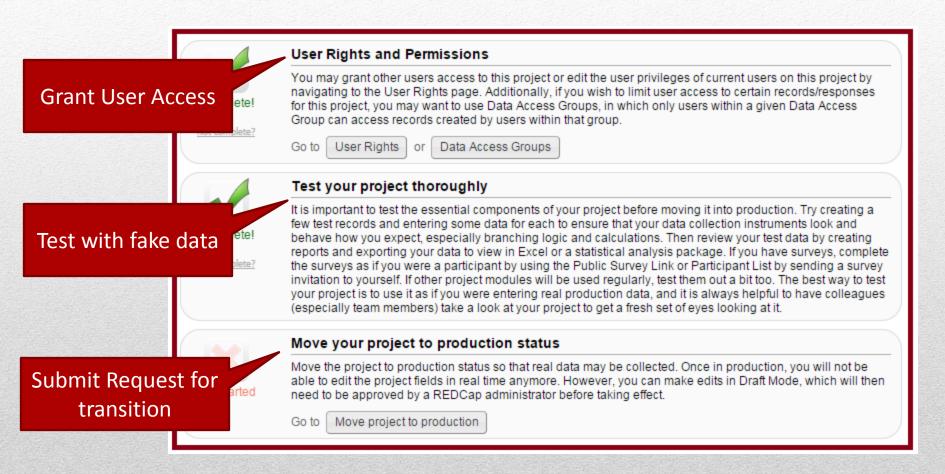
be seen as links on the left-hand project menu and can be accessed at any time by users who are given privileges to do so. Every project bookmark has custom settings that allow one to control its appearance and behavior.

Add or edit bookmarks Go to





Project Setup





User Rights

Ø	Basic Rights Expiration Date (if applicable)	(M/D/Y)	NOTE: The data entry ability to view or edit of (e.g., data entry forms data imports or data e	lata on a s, report	web p	page in REDCap
	est level privileges: File Repository	∞		No Access	Read Only	View & Edit
F26	Data Quality What is Data Quality?	 ✓ Create & edit rules ✓ Execute rules 	New Patient Information	0	0	•
Sec.	API What is the REDCap API?	API Export API Import	Pre-Operative/Pre- Procedural Patient Questinnaire	0	0	•
	ngs pertaining to project records: Create Records	Explain these settings				
100	Rename Records					
-	Delete Records					
Setti	ngs pertaining to record locking a	nd E-signatures;				
-	Record Locking Customization	8				
0	Lock/Unlock Records	Disabled				
	Users with locking privileges	O Locking / Unlocking				
	also have access to the E- signature and Locking Mgmt page on the left-hand Applications menu. Watch video about locking	Locking / Unlocking with E-signature authority What is an E-signature?				
	Allow locking of all forms at once for a given record?					



User Rights

User name	Expiration	Calendar	Data Export Tool	Data Import Tool	Data Comparison Tool	Logging	File Repository	Double Data Entry	User Rights	Data Access Groups	Reports & Report Builder	Record Locking Customization	Lock/Unlock Records
admin	never	4	Full Data Set	V	✓	4	✓	Reviewer	4	4	V	×	×
emmanjamwada	never	4	De-Identified	×	~	4	~	DDE Person #1	~	×	4	×	×
Janet	never	4	Full Data Set	×	✓	V	✓	Reviewer	V	×	V	×	×
lkanada	never	4	Full Data Set	V	✓	V	✓	Reviewer	V	V	V	✓	×
llifa	never	4	De-Identified	×	×	4	~	DDE Person #2	×	×	4	×	×
mmukaka	never	4	Full Data Set	V	4	4	✓	Reviewer	V	V	V	×	×
mziwoya	never	4	×	×	×	4	V	Reviewer	×	×	×	×	©



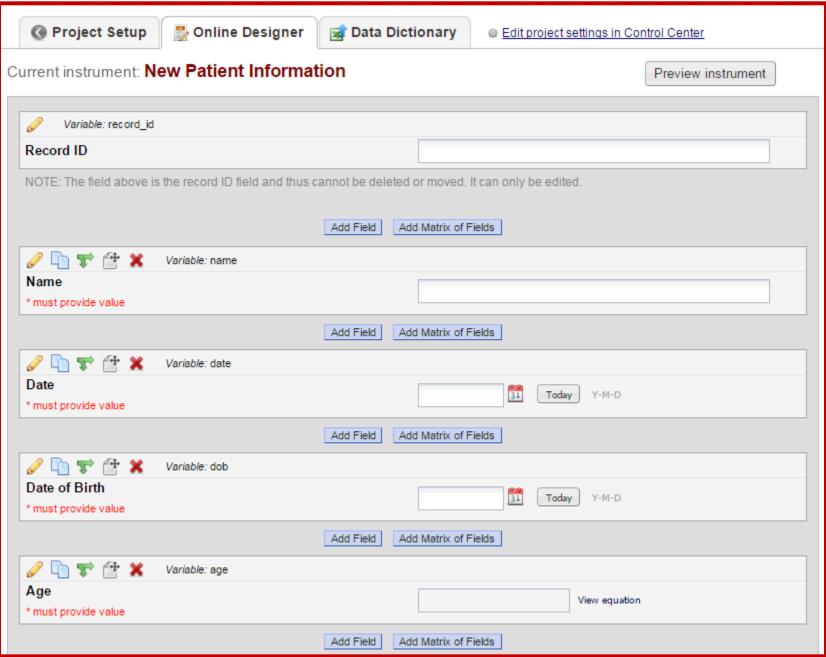
- Online Graphical Form designer
- 2. Data Dictionary Upload
- 3. Multiple data types
- 4. Built-in Functions
- Built-in Data Validation
- 6. Branching Logic
- 7. Calculated Fields
- 8. Calendar Scheduling
- Record Locking
- 10. Report Builder





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Data Dictionary

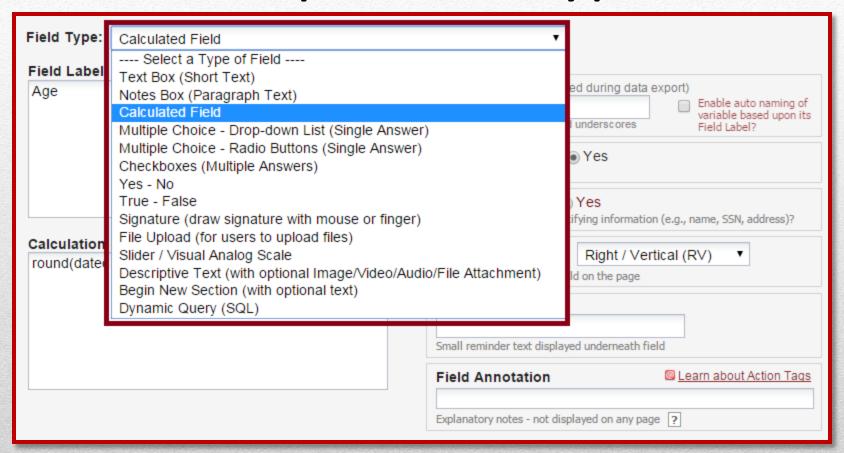
Variable / Field Name	Form Name Section H	eader Field Type	Field Label	Choices, Calcula	Text Validation Type C	Text Val Min	Text Val Max
record_id	new_patient_information	text	Record ID				
name	new_patient_inforn The infor	mation reques text	Name				
date	new_patient_information	text	Date		date_ymd	2014/01/01	2024/01/01
dob	new_patient_information	text	Date of Birth		date_ymd	01-01-1900	01-01-2024
age	new_patient_information	calc	Age	round(datediff([date],[dob],"y"))		
live_with	new_patient_inforn Please co	mplete the fo text	1. Whom do you live with at	home? (E.g. Chil	dren, husband, partner)	
employed	new_patient_information	yesno	2. Are you employed?				
where	new_patient_information	text	Where				
children	new_patient_information	yesno	3. Do you have children?				
no_children	new_patient_information	text	Number of children		integer	0	10
no_pregnancies	new_patient_information	text	Number of pregnancies		integer	0	10
no_c_sections	new_patient_information	text	Number of C-sections		integer	0	10
no_miscarriages	new_patient_information	text	Number of miscarriages		integer	0	10
periods	new_patient_information	radio	4. Describe your periods	1, Normal, every	month 2, Abnormal	3, No longer	
pap_smear	new_patient_information	radio	5. How often do you have pa	1, Every year 2	, Every 2-5 years 3, Les	s than every 5	years
abnormal_pap_smear	new_patient_information	radio	6. Have you ever had an abn	1, Yes 2, No 3	, Don't know		
leak_urine	new_patient_information	yesno	7. Do you have trouble with	leaking urine?			
ovarian_cancer	new_patient_inforn 8. Have yo	ou or any of yo yesno	Ovarian cancer				
oc_diagnosis_age	new_patient_information	text	Age at diagnosis		number	0	100
breast_cancer	new_patient_information	yesno	Breast cancer				
bc_diagnosis_age	new_patient_information	text	Age at diagnosis		number	0	100
uterine_cancer	new_patient_information	yesno	Uterine cancer				
uc_diagnosis_age	new_patient_information	text	Age at diagnosis		number	0	100
colon_cancer	new_patient_information	yesno	Colon cancer				
cc_diagnosis_age	new_patient_information	text	Age at diagnosis		number	0	100
prostate_cancer	new_patient_information	yesno	Prostate cancer				
pc_diagnosis_age	new_patient_information	text	Age at diagnosis		number	0	100



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Multiple Data Types





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Name/Type of function	Function
If/Then/Else conditional logic	if (CONDITION, VALUE if condition is TRUE,
	VALUE if condition is FALSE)
Datediff	datediff ([date1], [date2], "units",
	"dateformat", returnSignedValue)
Round	round(number,decimal places)
Round Up	roundup(number, decimal places)
Round Down	rounddown(number,decimal places)
Square Root	sqrt(number)
Exponents	(number)^(exponent)
Absolute Value	abs(number)
Minimum	min(number,number,)
Maximum	max(number,number,)
Mean	mean(number,number,)
Median	median(number,number,)
Sum	sum(number,number,)
Standard Deviation	stdev(number,number,)



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Validation	Example
DATE_YMD	- (2008-12-31)
TIME	- (19:30, 04:15) - Military time
DATETIME_SECONDS_YMD	- (2011-02-16 17:45:23)
PHONE	- (615-322-2222)*
EMAIL	- (john.doe@vanderbilt.edu)
NUMBER	- (1.3, 22, -6.28) a general number
INTEGER	- (1, 4, -10) whole number with no decimal
ZIPCODE	- (37212, 90210) 5-digit zipcode
Letters only	- (name)
Number (1 decimal place)	-1.2
Number (2 decimal places)	-1.23
Phone (Australia)	- ((03) 1234 1234)
Postal Code (Canada)	- (K1A 0B1, K0H 9Z0) format
Social Security Number (US)	1011
Time (MM:SS)	- (31:22) time in minutes and seconds



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Branching Logic

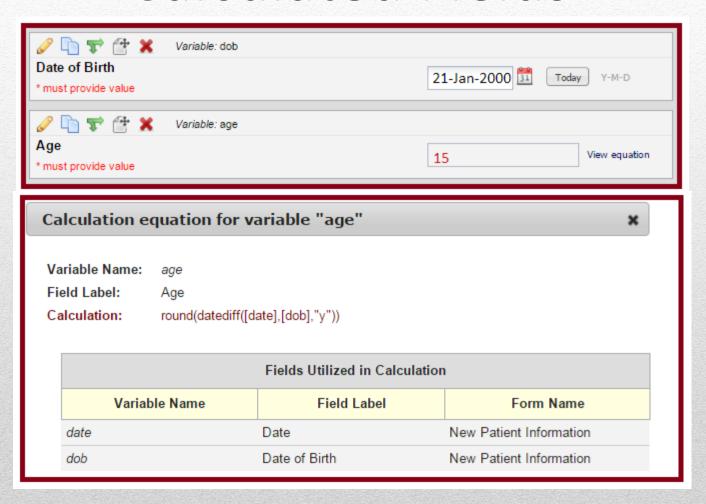
√	○ Yes ○ No				
	Add Field Add Matrix of Fields				
	[Branching logic exists]				
	Use Inhalers Occasionally				
Select all that apply	☐ Use Inhalers Regularly ☐ On Prednisone				
Select all that apply					
Select all that apply 6. Do you have asthma?					



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Calculated Fields

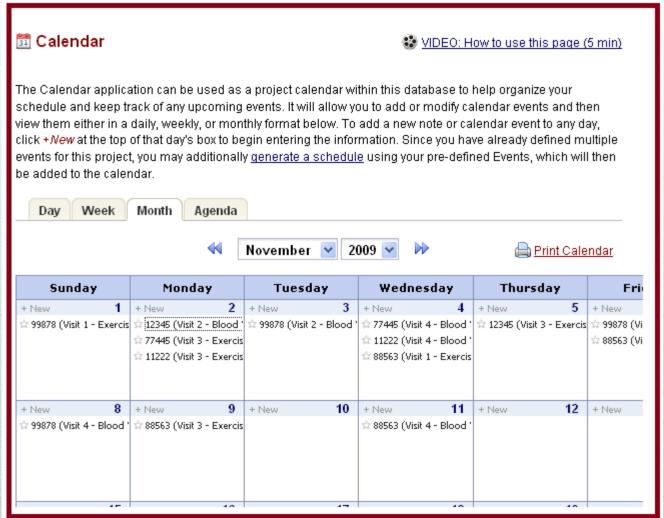




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Calendar Scheduling Tool

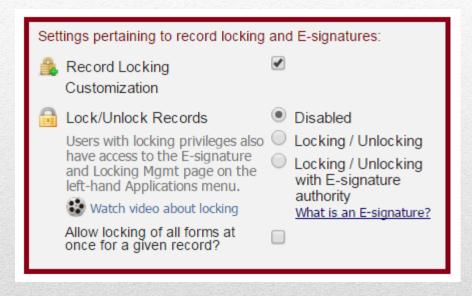




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Record Locking





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PI ID (pi_id)	Survey Timestamp (agreement_ timestamp)	First Name (first_ name)	Last Name (last_name)	Department (department_ npi)	Site (site_ npi)	Address (address_npi)	City (city_ npi)	Province (province_ npi)	Postal Code (postal_ code_ npi)	Date (date)	Complete? (redcap_ enduser_ agreement_ for_nonpis_ complete)
1	08-19-2015 14:31	Stephanie	Rittal	SCI and ABI Research	Parkwood Institute (2)	550 Wellington Rd	London	Ontario	N6C 0A7	19- 08- 2015	Complete (2)
2	08-25-2015 11:10	Dwayne	Whiston	ARGC	Parkwood Institute (2)	550 Wellington Road	London	ON	N6C 0A7	25- 08- 2015	Complete (2)
<u>3</u>	09-09-2015 10:19	Larry	Jones	Anesthesia	LHSC (1)	Rm C3-110, LHSC-UH	London	ON	N6A5A5	09- 09- 2015	Complete (2)
<u>4</u>	09-14-2015 12:45	Anne	Handsor	Medicine	LHSC (1)	ALL121, University Hospital. 339 Windermere Rd.	London	Ontario	N6A 5A5	14- 09- 2015	Complete (2)
<u>5</u>	09-18-2015 10:35	Mark	Wammes	Medicine	LHSC (1)	Rm B9-100c- UH, 339 Windermere Rd.	London	ON	N6A 5A5	18- 09- 2015	Complete (2)
<u>6</u>	09-24-2015 11:11	Frances	Lau	Cancer Clinical Research Unit, LRCP, LHSC	LHSC (1)	Victoria Campus, 790 Commissioner Rd. E	London	Ontario	N6A 4L6	24- 09- 2015	Complete (2)
Z	09-25-2015 15:51	Michael	Wammes	Psychiatry	Other (6)	860 Richmond Street	London	Ontario	N6A3H8	25- 09- 2015	Complete (2)



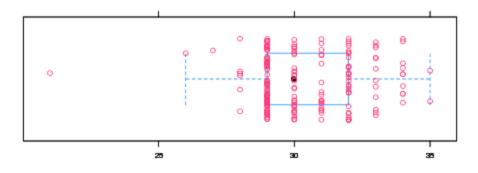
- 11. Data Visualization
- 12. Import / Export mechanism
- 13. Audit trail
- 14. Training Material
- 15. User Rights Templates
- 16. Project Templates
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- 19. Multiple Surveys
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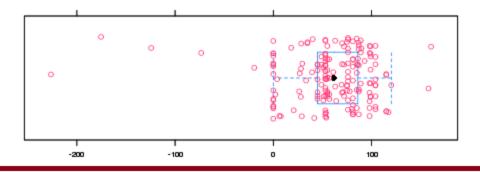
Total records: 182

You may click on **missing**, **highest values**, and **lowest values** to reveal the records for which the value applies. Only fields that are numeric or categorical are shown. By clicking on a record, a new window is opened, and you are able to edit the data on the form.

Days Billed: | Missing values (0%) | Lowest values | Highest values



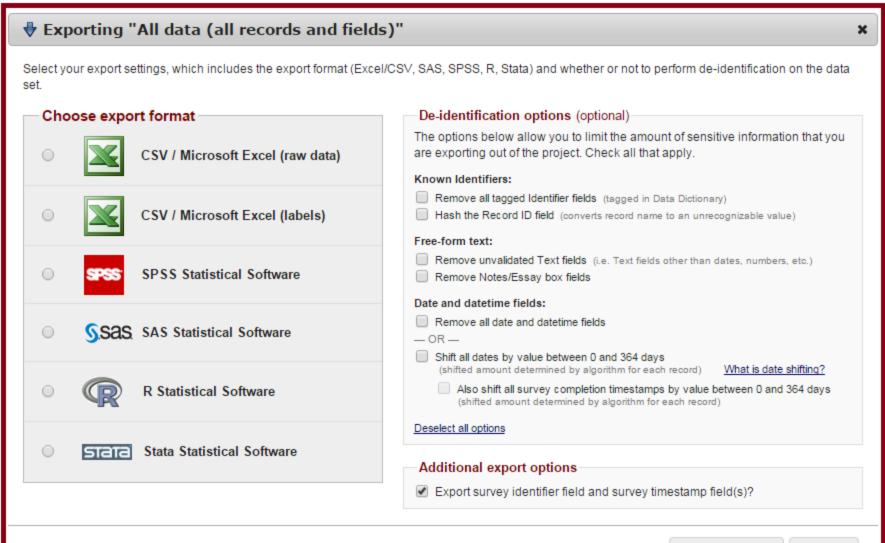
Monthly Electric Bill Amount: | Missing values (4.4%) | Lowest values | Highest values





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Export Data

Cancel



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Audit Trail

		Marc	Han
Logging			Download entire logging record to Microsoft Excel (CS
This module lists all change	s made to this pro	ject, including data exp	ports, data changes, and the creation or deletion of users.
Filter by	user name: All u r by record: All r	records ▼	ng page views) ▼
Time / Date	Username	Action	List of Data Changes OR Fields Exported
02/25/2015 2:59pm	mannru	Manage/Design	Execute data quality rule(s)

Time / Date	Username	Action	List of Data Changes OR Fields Exported
02/25/2015 2:59pm	mannru	Manage/Design	Execute data quality rule(s)
02/25/2015 2:59pm	mannru	Manage/Design	Execute data quality rule(s)
02/25/2015 2:59pm	mannru	Manage/Design	Execute data quality rule(s)
02/25/2015 2:58pm	mannru	Manage/Design	Execute data quality rule(s)
02/25/2015 2:58pm	mannru	Manage/Design	Execute data quality rule(s)
02/25/2015 2:58pm	mannru	Manage/Design	Execute data quality rule(s)
02/25/2015 2:58pm	mannru	Manage/Design	Execute data quality rule(s)
02/25/2015 2:55pm	mannru	Download uploaded document Record 1	patient_sign
12/10/2014 12:51pm	mannru	Manage/Design	Checked off item in project checklist
12/10/2014 12:50pm	mannru	Manage/Design	Checked off item in project checklist
12/10/2014 12:50pm	mannru	Manage/Design	Checked off item in project checklist
12/10/2014 12:50pm	mannru	Manage/Design	Checked off item in project checklist



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Just Getting Started?
Explore these overviews of fundamental concepts and features.

Title	Description	Watch Video
Brief Overview	A quick summary of what REDCap is and what it can do.	4 minutes
Detailed Overview	This video provides an overview of basic functions and features within a REDCap project. It will serve as a starting point for learning about the basic concepts of REDCap, what REDCap projects are, how to create them, and how to use them.	14 minutes
Data Entry Overview	A focused exploration of basic data entry workflow. Suitable for training data entry staff.	16 minutes

Building a ProjectLearn how to build and modify data collection instruments.

Title	Description	Watch Video
Introduction to Project Development	An introduction to the Online Designer and Data Dictionary methods of project modification.	4 minutes
Online Designer	This online tool is the quickest and most intuitive method for making instrument modifications.	5 minutes
Data Dictionary	The Data Dictionary is your project structure in a downloadable spreadsheet file. The spreadsheet can be modified and uploaded into REDCap to make instrument modifications. To see an example, download the Data Dictionary demonstration file .	10 minutes
Project Field Types	An illustration of some popular field types.	4 minutes



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User Rights Template

		Highest	Level Privi	leges		xport Tool lect one)	Reports & Graphical DataView		
REDCap Project Role	Expiration Date	Project Design & Setup	User Rights	Data Access Groups	No Access	De- Identified		Add/Edit Reports	
Principal Investigator		x	x	х			х	x	x
Administrator		x	x	x			x	x	x
Project Coordinator						x			
Data Coordinator		x				x			
Statistician						x			
Project Staff						x			
Read Only					x				x
Data Entry					x				



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Project Templates

Public Projects

Basic Demography

Classic Database

Human Cancer Tissue Biobank

Longitudinal Database (1 arm)

Longitudinal Database (2 arms)

Multiple Surveys (classic)

Multiple Surveys (longitudinal)

Piping Example Project

Project Tracking Database

Randomized Clinical Trial

Single Survey



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- 20. Record Status Dashboard



Introduction Sof	ftware	Con	nsortiu	um Par	tners	В	ecom	e a Pa	artner	С	iting F	REDC	ар	Libr	ary		-
Keyword searc	h: [Sea	rch th	ne libra	ary						Minin	rch o	ownlo	ads:	0 show] / all	~
1 2 3 4 Found 611 results mate	5 6				11	12	13	14	15	16	17	18	19	20	21	22	, >>
Title	,,,,,,															Dow	nloads
➤FOR TESTING	AND D	DEMON	NSTR	ATION	PUR	POSE	SON	ILY -	Nach	o Cra	ving l	ndex	Surve	еу		14	448
➤ Adolescent Outcon	nes Qu	estionr	naire f	Parent	Repo	rted											91
➤ Adolescent Outcom	nes Qu	estionr	naire (Self Re	porte	d											54
➤ Agitated Behavior	Scale																440
➤ APACHE II Severit	ty of Dis	sease (Classi	ification	n Syst	tem (v	ersio	ո1)								(607
➤ Apache II Severity	Of Dise	ease C	lassifi	ication	Syste	em (wi	th sco	oring)									82
➤ Autism Parenting S	Stress In	ndex (/	APSI)													,	186
➤ Barriers To Diabete	es Adhe	erence)														104
➤ Barriers To Diabete	es Adhe	erence	Score	ed													42
➤ Barthel Index																;	399



- 11. Data Visualization
- 12. Import / Export mechanism
- 13. Audit trail
- 14. Training Material
- 15. User Rights Templates
- 16. Project Templates
- 17. Curated Forms Library
- 18. Data Collection Instruments in PDF
- 19. Multiple Surveys
- 20. Record Status Dashboard

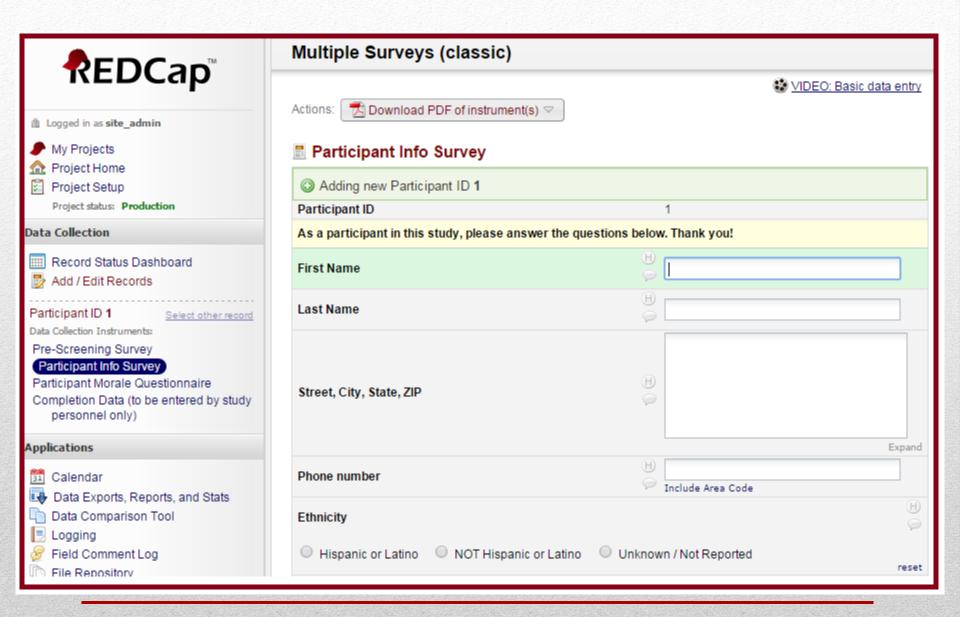


7.	NewPatientInformation_Gynecolo_2015-11-24_1105.pdf - Adobe A	Acrobat Pro DC	_ D X
<u>F</u> ile	e <u>E</u> dit <u>V</u> iew <u>W</u> indow <u>H</u> elp		
	NewPatientInforma ×	?	Sign In
(Confidential		
	New Patient Information	Gynecologic Oncology Data Record	
	Record ID	Page 1 of 2	2
	The information requested below will become part of complete the questionnaire and discuss any question	-	
	your appointment.	and the doctor of hurse at the time t	
	Name	Mary Jane	
	Date	2014-11-27	=
	Date of Birth	1980-11-01	
	Age	34	
	Please complete the following section.		_
	Whom do you live with at home? (E.g. Children, husband, partner)	Husband & children	
	2. Are you employed?	○ Yes ⊗ No	
	3. Do you have children?	○ Yes ⊗ No	
	Number of children	1	
	Number of pregnancies	1	
Þ	Number of C-sections	1	1
	Number of miscarriages	0	
	4. Describe your periods	 ⊗ Normal, every month ○ Abnormal ○ No longer having periods 	



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Record Status Dashboard

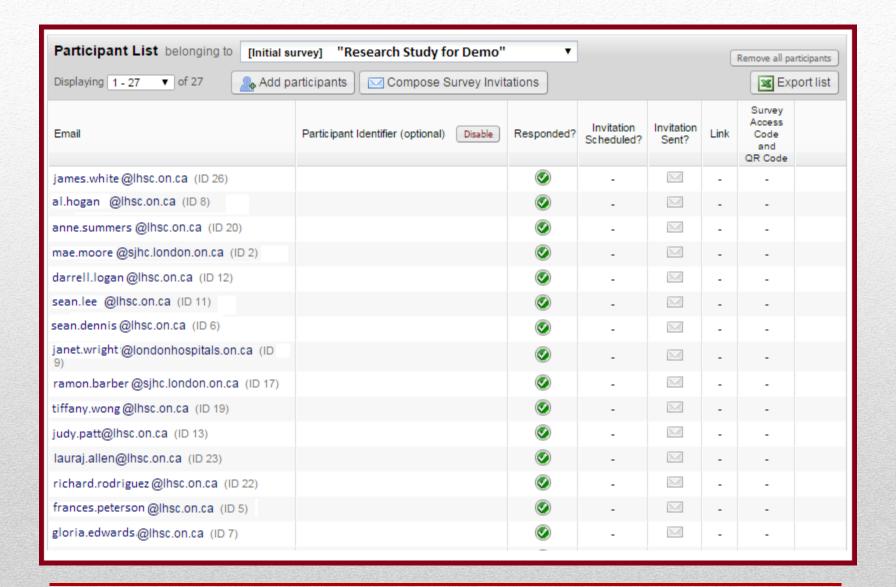
Legend for status icons:									
Incomplete Incomplete (no data saved)									
Unverified									
Complete									

Displaying record "1" through "2" 🗸 of 2 records									
Ad Hoc Event ID	Ad Hoc Participant Events	S03r0 Phlebotomy And Genomics Form	S04r0 Transmittal Biological Samples	S05r1 Transcranial Doppler_TCD_Performance	S10r1 Neurological Consultant Report	S12r0 Consent And Assent For Randomization	S14r0 Headache Event Form	S15r0 Epileps in Childre With Sickle Cell	
1		•		•	<u></u>	(a)		(a)	
2	<u>(</u>	<u></u>	<u></u>			<u></u>		<u></u>	



- 21. Participant List
- 22. Record Change Confirmation
- 23. File Upload
- 24. API interface
- 25. User grouping & Multi-site access
- 26. Variable Piping
- 27. Signature field
- 28. Data Quality Tool
- 29. Randomization Module
- 30. Data History Widget

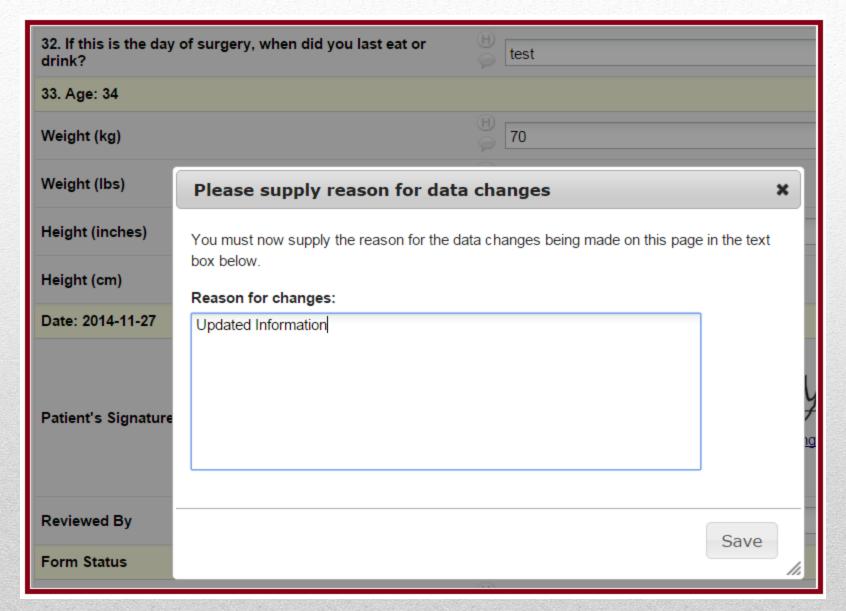






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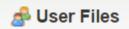


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File Repository

This page may be used for storing and retrieving files and documents used for this project. You may upload files here to save for retrieval later, or you may download previously uploaded files in the file list below. Whenever a data export is performed, the resulting data and syntax files are stored here also.







To upload a new file to the repository, in the fields below specify the file on your computer and provide a name/label for the file. Then click the "Upload File" button.

O Adding new file											
Document	Choose File	Biomarker Da…t v1.0.xlsm									
Name/Label			Expand								
	Upload File										
	Cancel										



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The REDCap API is an interface that allows external applications to connect to REDCap remotely, and is used for programmatically retrieving or modifying data or settings within REDCap, such as performing automated data imports/exports from a specified REDCap project. For details on the capabilities of the REDCap API and how to use it, please see the REDCap API documentation.

O API Security: Best Practices

It is important to remember that when making requests to the REDCap API, you should always validate the REDCap server's SSL certificate to ensure the highest level of security during communication with the API. For details on what this means and how to do it, see the 'API Security: Best Practices' section in the REDCap API documentation.





Your API token for project "Gynecologic Oncology Database"

The API token below is **ONLY for you** and will work **ONLY with this project**. This token allows special access to REDCap data and **should NOT be shared with others**. If you think your token has been compromised, then please contact your REDCap administrator immediately *AND* either delete or regenerate your token by using the buttons below.

API Token:

35CCC61AB2D2E7FE7D23CAD2E9014A5A

Delete token Finished using the API for this project? If so, please delete your token for security reasons.

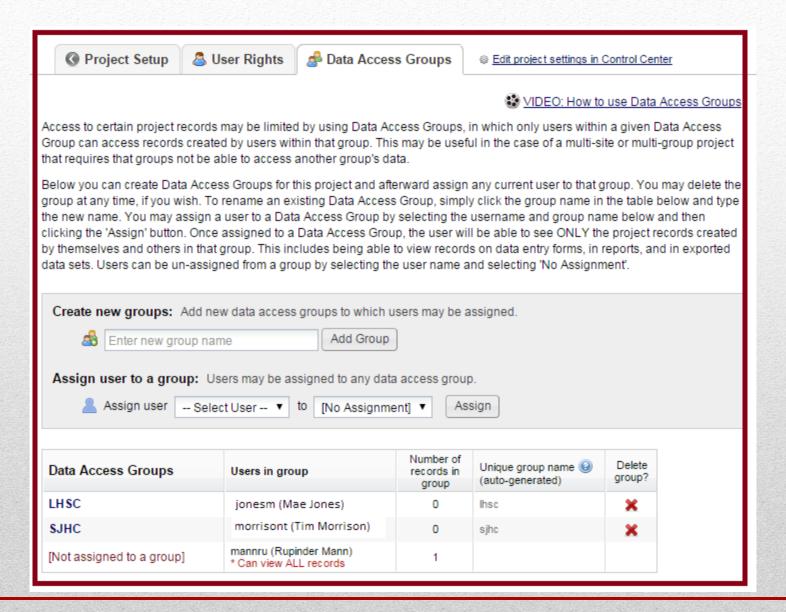
Regenerate token Think someone else knows your token? If so, please regenerate your token for security reasons.

The following user(s) have API tokens for this project: mannru



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Weight (kg)	70
Weight (lbs)	154.322 View equation
Height (inches)	H > 150
Height (cm)	Wiew equation
Date: 2014-11-27	
Patient's Signature	Signature 2014-11-27 1349.png (0.01 MB) © Remove file or ☑ Send-It
Reviewed By	H → TM



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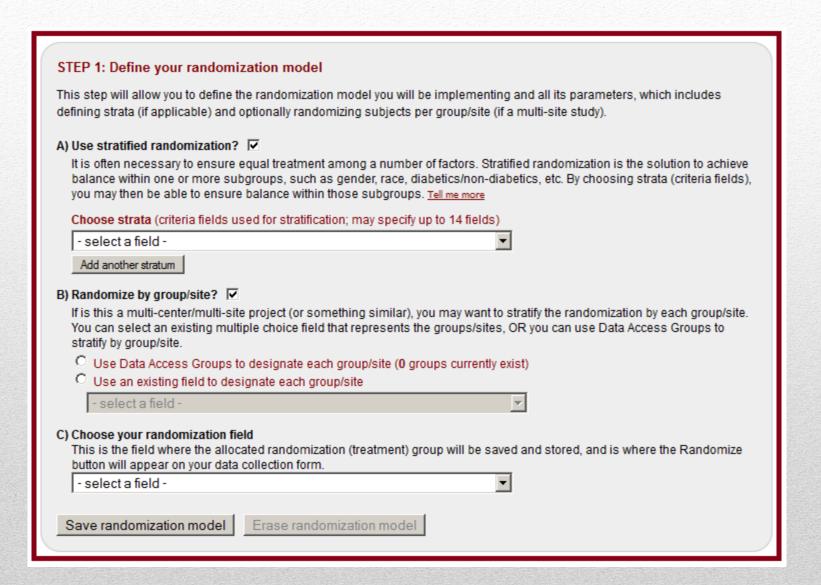


Data Quality Rules Processing Complete! Execute rules: All All except A&B All custom Clear							
Apply to: All records ▼							
Rule #	Rule Name	Rule Logic (Show discrepancy only if)	Real-time execution ?	Total Discrepancies	Delete rule?		
А	Missing values*	-		0 <u>view</u>			
В	Missing values* (required fields only)	-		0 <u>view</u>			
С	Field validation errors (incorrect data type)	-		Execute			
D	Field validation errors (out of range)	-		Execute			
Е	Outliers for numerical fields (numbers, integers, sliders, calc fields)	-		Execute			
F	Hidden fields that contain values**	-		Execute			
G	Multiple choice fields with invalid values	-		Execute			
Н	Incorrect values for calculated fields	-		Execute			
Add	Enter descriptive name for new rule (e.g., Participants below age 18)	Enter logic for new rule (e.g., [age] < 18) How do I use special functions?	Execute in real time on data entry forms		*		



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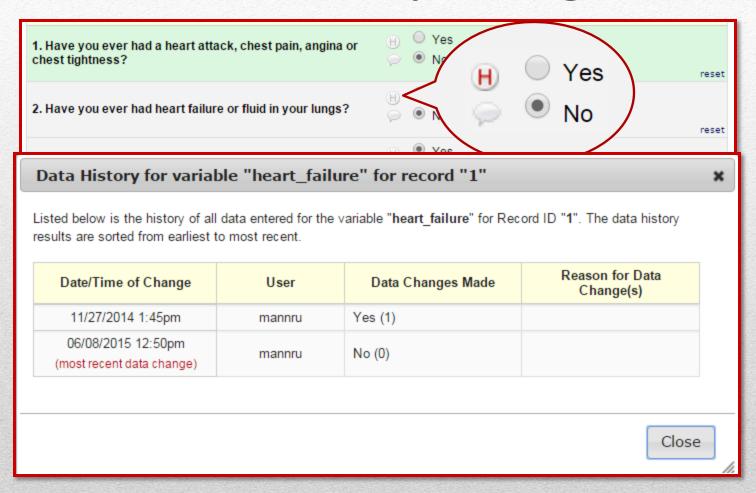




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Data History Widget





- 31. QR Code
- 32. Scheduler
 - a. Logic/Event/Data driven
- 33. De-identification
 - a. Automatic removal of pre-specified identifiers
 - b. Data shifting
 - c. Automatic removal of text and note fields
- 34. Data Entry Triggers
 - a. Automated program calls
- 35. Double Data Entry



Survey title: "REDCap Survey."

A Survey Access Code and a QR Code both allow respondents to begin a survey on another computer or device without someone having to email them an invitation. This is especially useful if the respondent is currently nearby or if you will be sending the survey invitation to a physical mailing address (i.e. 'snail mail'). You may click the Print button at the bottom if you wish to print out the instructions for the respondent.

Enter the Survey Access Code

To allow a respondent to begin this survey, have them navigate to the URL below and enter the survey access code. The code is permanent and will never change. (Note: The web address is the same for all projects and surveys, so you may bookmark the address on a computer or device to quickly return to it multiple times.)

1.) Go to this web address:

https://redcap.lawsonresearch.ca/surveys34

2.) Then enter this code:

P3PL4R3433

OR

Generate Short Code

Alternatively, you may generate a shorter, temporary code that will expire after only one use or after one hour has passed.

Generate Short Code

Scan the QR Code

The survey link has been converted into a QR code, which can now be scanned by a device that has an app capable of reading QR codes. Once the QR code below is scanned, it should take the respondent directly to the survey in a web browser.

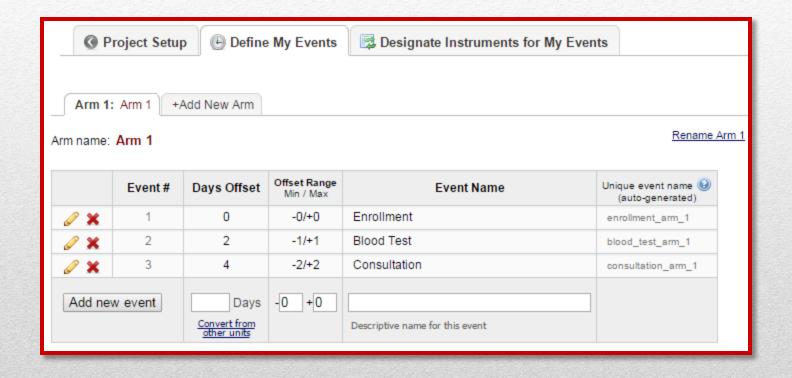




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Event Driven





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- 36. Data Queries
 - a. Data Resolution Work Flow
 - b. Data Error Detection
- 37. Two-factor Authentication
- 38. Handheld Device Support
 - a. iOS and Android Applications
 - b. Offline Data Capture
- 39. Survey Themes
- 40. Project Folders
- 41. Biomedical Ontologies



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Two-Factor Authentication



×

Select an option below to complete the second half of REDCap's two-step verification login process. You will not be able to access REDCap until you have completed this verification step.





Duo: Use Duo Push on the Duo mobile app, or alternatively use the SMS passcode or phone call method.





SMS Message: Send an SMS text message containing your verification code to the phone number below (standard message and data rates apply). Send to XXX-XXX-7737

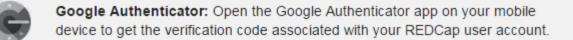




Phone Call: Make a call to the phone number below.

Call XXX-XXX-7737









Email: Send an email containing your verification code to your email account. Send to rob.taylor@vanderbilt.edu

Cancel



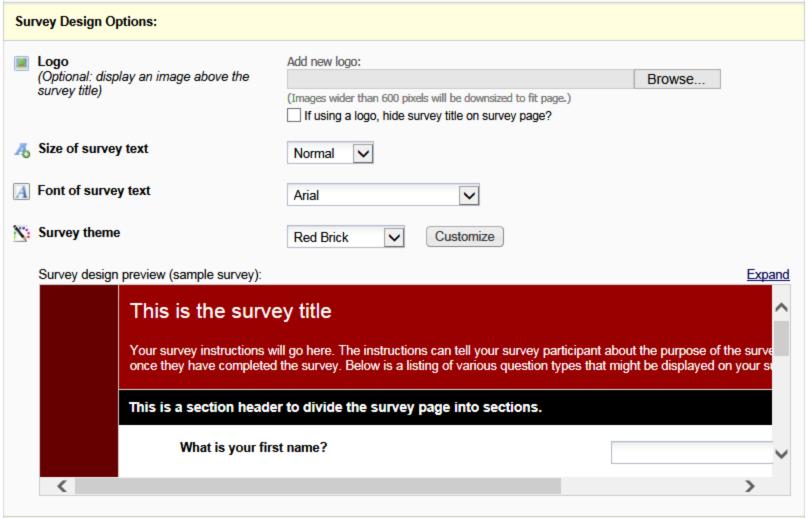
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Survey Themes





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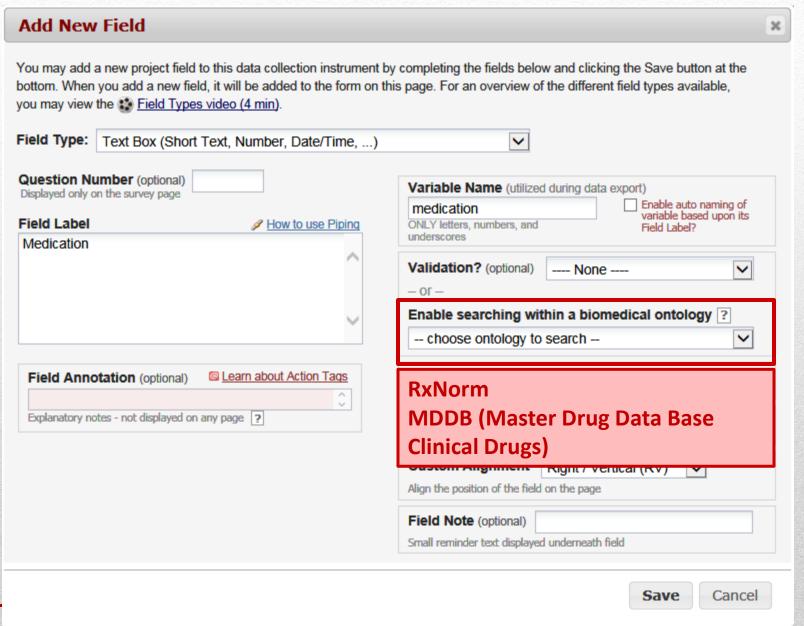
Project Folders





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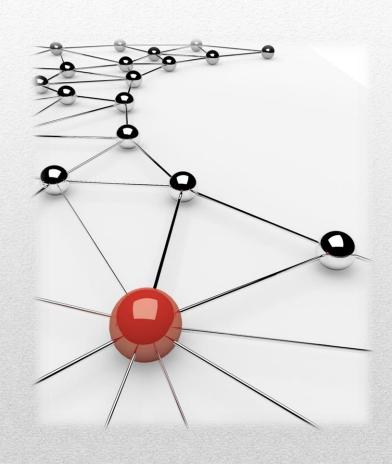
1-Week Trial Account

Sign up for a 1-week REDCap trial account			
If you are interested in signing up for a free one-week trial of REDCap, enter your email address below to have your trial account created. Once your account is created, you can use this installation to demo all of REDCap's features.			
NOTE: Any projects created on this server will be automatically deleted after one week of being created. Also, please note that this REDCap instructions this syst consortium, please the pected of th			
Email address:	Your email address will become your REDCap username		
First and last name:			
Institution / organization name:			
Organization type:	▼		
Country:	▼		
Website (optional):			
Reason for signing up:	▼		
	Sign up		



Consortium Connection

- REDCap Training Material Committee Member
- REDCap Answer Hub (Consortium REDCAP Super-users Group) Member
- REDCap-CA (Canadian REDCap Super-users Group) Member
- Weekly REDCap Teleconference calls





In Future

- Research Studies
- Operational Projects
- Quality Improvement
- Communications
- Surveys





Research Electronic Data Capture

REDCap@lawsonresearch.com