Background
A secure web application for managing your data online
• >1m end users
• >750k projects

Est. 2004
• REDCap is licensed for free to non-profits around the world
• Currently over 3,200 REDCap installations worldwide
REDCap Support model

DIY

+ Generalized Support

+ Individualized Support
Genralized support:
Instructional text

Main project settings

- Use surveys in this project
- Use longitudinal data collection with defined events

Modify project title, purpose, etc.

VIDEO: How to create and manage a survey.
Welcome to REDCap!

REDCap is a mature, secure web application for building and managing online surveys and databases. Using REDCap's stream-lined process for rapidly developing projects, you may create and design projects using 1) the online method from your web browser using the Online Designer; and/or 2) the offline method by constructing a 'data dictionary' template file in Microsoft Excel, which can be later uploaded into REDCap. Both surveys and databases (or a mixture of the two) can be built using these methods.

REDCap provides automated export procedures for seamless data downloads to Excel and common statistical packages (SPSS, SAS, Stata, R), as well as a built-in project calendar, a scheduling module, ad hoc reporting tools, and advanced features, such as branching logic, file uploading, and calculated fields.

Learn more about REDCap by watching a brief summary video (4 min). If you would like to view other quick video tutorials of REDCap in action and an overview of its features, please see the Training Resources page.

Please note that any publication that results from a project utilizing REDCap should cite grant support (UL1 TR000445 from NCATS/NIH).

NOTICE: If you are collecting data for the purposes of human subjects research, review and approval of the project is required by your Institutional Review Board.

If you require assistance or have any questions about REDCap, please contact REDCap Administrator.
Further advantages...

... storage of every data format
... online and offline access (REDCap App)
... multi-site access
... autonomy in adding new users and their rights
... automated export function for data downloads (excel, SPSS, SAS, Stata, R, ...)
... automated report on metadata
... shared library for questionnaires
That means …

- minimum paper-pencil assessments
  - Informed consent: paper-pencil
  - Questionnaires: direct assessment via REDCap
  - Experimental or psychophysiological data: data storage in REDCap
- SOP saved directly in REDCap project → all-time access
REDCap Framework
• The framework into which your data will be entered
• Contains tools to manage your data
• Contains an instrument
Example Research Study

The Online Designer will allow you to make project modifications to fields and data collection. The survey options include creating a new instrument, importing an instrument, and uploading or downloading Auto Invitations. The table displays the instrument names, fields, View PDF, and Enabled as survey options.

- Demographics: 20 fields
- Baseline Data: 18 fields
- Pain Management Survey - PRE: 17 fields
- Intervention Data: 19 fields
- Pain Management Survey - POST: 17 fields
- Study Completion: 5 fields

Project name
### Demographics

Adding new Study ID Test2

<table>
<thead>
<tr>
<th>Study ID</th>
<th>Test2</th>
</tr>
</thead>
</table>

#### Contact Information

<table>
<thead>
<tr>
<th>First Name</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Last Name</td>
<td></td>
</tr>
<tr>
<td>Phone number</td>
<td>Include Area Code</td>
</tr>
<tr>
<td>E-mail</td>
<td></td>
</tr>
<tr>
<td>Date of birth</td>
<td>Y-M-D</td>
</tr>
</tbody>
</table>
Instrument

Data entry form

Survey
Data Entry Form - accessed by REDCap users

### TRR 265 Telephone Screening

**Screening ID**

<table>
<thead>
<tr>
<th>Screening ID</th>
<th>6</th>
</tr>
</thead>
</table>

**STAMMDATEN**

- **Wie alt sind Sie?**
  - *must provide value*
  - ***ja***
  - ***nein (gute deutsche Sprachkenntnisse)***
  - ***nein (schlechte dt. Sprachkenntnisse)***
  - ***sprachl. Verständigung unmöglich/erschwert***

- **Geburtsdatum**
  - *must provide value*
  - [ ] auf kleinem Kalender klicken, um Datum einzutragen

- **Ist Deutsch Ihre Muttersprache?**
  - *must provide value*

- **Geschlecht**
  - *must provide value*
  - [ ] weiblich
  - [ ] männlich

- **Wie sind Sie auf unsere Studie aufmerksam geworden?**
  - *must provide value*
Survey - completed by a participant
<table>
<thead>
<tr>
<th>Instrument name</th>
<th>Fields</th>
<th>View PDF</th>
<th>Enabled as survey</th>
<th>Instrument actions</th>
<th>Survey-related options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demographics</td>
<td>20</td>
<td></td>
<td>Enable</td>
<td>Choose action</td>
<td></td>
</tr>
<tr>
<td>Baseline Data</td>
<td>18</td>
<td></td>
<td>Enable</td>
<td>Choose action</td>
<td></td>
</tr>
<tr>
<td>Pain Management Survey - PRE</td>
<td>17</td>
<td>✓</td>
<td></td>
<td></td>
<td>+ Survey settings + Automated Invitations</td>
</tr>
<tr>
<td>Intervention Data</td>
<td>19</td>
<td></td>
<td>Enable</td>
<td>Choose action</td>
<td></td>
</tr>
<tr>
<td>Pain Management Survey - POST</td>
<td>17</td>
<td></td>
<td>Enable</td>
<td>Choose action</td>
<td>+ Survey settings + Automated Invitations</td>
</tr>
<tr>
<td>Study Completion</td>
<td>5</td>
<td></td>
<td>Enable</td>
<td>Choose action</td>
<td></td>
</tr>
</tbody>
</table>
The grid below displays the form-by-form progress of data entered for the currently selected record. You may click on the colored status icons to access that form/event.

### Data Collection Instrument

<table>
<thead>
<tr>
<th>Data Collection Instrument</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entry Information (survey)</td>
<td></td>
</tr>
<tr>
<td>Stem Data (survey)</td>
<td></td>
</tr>
<tr>
<td>Substance intake (survey)</td>
<td></td>
</tr>
<tr>
<td>MRT Suitability (survey)</td>
<td></td>
</tr>
<tr>
<td>Current State of Health (survey)</td>
<td></td>
</tr>
<tr>
<td>Questions on Study Procedure</td>
<td></td>
</tr>
<tr>
<td>Planning and Inclusion (survey)</td>
<td></td>
</tr>
</tbody>
</table>

### Erhebungszeitpunkt 1

<table>
<thead>
<tr>
<th>Subject ID</th>
<th>Preparatory Questions</th>
<th>Sociodemography</th>
<th>NEO-F</th>
<th>SURPS</th>
<th>BIS-53</th>
<th>LEQ</th>
<th>QSU</th>
</tr>
</thead>
<tbody>
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</tr>
<tr>
<td>D24009</td>
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</tbody>
</table>

### Erhebungszeitpunkt 2

<table>
<thead>
<tr>
<th>Subject ID</th>
<th>Preparatory Questions</th>
<th>Sociodemography</th>
<th>NEO-F</th>
<th>SURPS</th>
<th>BIS-53</th>
<th>LEQ</th>
<th>QSU</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
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<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>D24009</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E23</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E23</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Data Collection Instruments

Longitudinal Data Collection

Repeatable Over Time (Visits)

<table>
<thead>
<tr>
<th>Data Collection Instrument</th>
<th>Baseline (1)</th>
<th>Visit 1 (2)</th>
<th>Visit 2 (3)</th>
<th>Visit 3 (4)</th>
<th>Final Visit (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demographics</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Baseline Data</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monthly Data</td>
<td></td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>Completion Data</td>
<td></td>
<td></td>
<td></td>
<td>✔</td>
<td>✔</td>
</tr>
</tbody>
</table>
REDCap Project Design
### Baseline Data

**Current instrument:** Baseline Data

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of baseline visit</td>
<td></td>
<td>Y-M-D</td>
</tr>
<tr>
<td>Date blood was drawn</td>
<td></td>
<td>Y-M-D</td>
</tr>
<tr>
<td>Serum Albumin (g/dL)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Serum Prealbumin (mg/dL)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Creatinine (mg/dL)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Online Designer**
Add New Field

You may add a new project field to this data collection instrument by completing the fields below and clicking the Save button at the bottom. When you add a new field, it will be added to the form on this page. For an overview of the different field types available, you may view the Field Types video (4 min).

Field Type: Text Box (Short Text, Number, Date/Time, ...)

Field Label

Variable Name (utilized during data export)

ONLY letters, numbers, and underscores

Enable auto naming of variable based upon its Field Label?

Validation? (optional) ---- None ----

-- Or --

Enable searching within a biomedical ontology

-- choose ontology to search --

Required?* ☐ No ☐ Yes

Is Record of Field in Mask?

Identifier? ☐ No ☐ Yes

Does the field contain identifying information (e.g., name, SSN, address)?

Custom Alignment Right / Vertical (RV)

Align the position of the field on the page

Field Note (optional)

Small reminder text displayed underneath field

Save  Cancel
Collecting Data
Data Entry Form

DEMO: VICTR Research Study

Demographics

Study ID

Contact Information

First Name

Last Name

Phone number

E-mail

Date of birth

Ethnicity

Race

Has the patient given birth before?
Survey Dissemination

Susie – survey participant
## Baseline Data

**Study ID**: EKG543

### Baseline Measurements

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of baseline visit</td>
<td>2019-01-01</td>
</tr>
<tr>
<td>Date blood was drawn</td>
<td>2019-01-01</td>
</tr>
<tr>
<td>Serum Albumin (g/dL)</td>
<td>3</td>
</tr>
<tr>
<td>Serum Prealbumin (mg/dL)</td>
<td>15</td>
</tr>
<tr>
<td>Creatinine (mg/dL)</td>
<td>1</td>
</tr>
<tr>
<td>Normalized Protein Catabolic Rate (g/kg/d)</td>
<td>1</td>
</tr>
<tr>
<td>Cholesterol (mg/dL)</td>
<td>120</td>
</tr>
<tr>
<td>Transferrin (mg/dL)</td>
<td>110</td>
</tr>
<tr>
<td>Kt/V</td>
<td>2</td>
</tr>
<tr>
<td>Dry weight (kilograms)</td>
<td>110</td>
</tr>
<tr>
<td>Collected Plasma 1?</td>
<td>Yes</td>
</tr>
<tr>
<td>Collected Plasma 2?</td>
<td></td>
</tr>
<tr>
<td>Collected Plasma 3?</td>
<td></td>
</tr>
<tr>
<td>Collected Serum 1?</td>
<td>Yes</td>
</tr>
<tr>
<td>Collected Serum 2?</td>
<td></td>
</tr>
<tr>
<td>Collected Serum 3?</td>
<td></td>
</tr>
<tr>
<td>Subject Global Assessment (score = 1-7)</td>
<td>4</td>
</tr>
<tr>
<td>Date patient begins supplement</td>
<td>2019-01-10</td>
</tr>
</tbody>
</table>

### Form Status

**Complete?**: Complete
### Aggregate Data (all data)

**Number of results returned:** 11  
**Total number of records queried:** 11

#### All data (all records and fields)

<table>
<thead>
<tr>
<th>Study ID</th>
<th>Study name</th>
<th>First Name</th>
<th>Last Name</th>
<th>E-mail</th>
<th>Phone number</th>
<th>Date of birth</th>
<th>Ethnicity</th>
<th>Race</th>
<th>Has the patient given birth before?</th>
<th>How many times has the patient given birth?</th>
<th>Other meds are being taken?</th>
<th>None of the above meds are being taken?</th>
<th>Which of the following medications is being taken? (check all that apply)</th>
</tr>
</thead>
<tbody>
<tr>
<td>B3C4D3</td>
<td>(Yellow, Yolanda)</td>
<td>Yolanda</td>
<td>Yellow</td>
<td></td>
<td></td>
<td></td>
<td>Asian Indian/Alaska Native</td>
<td></td>
<td>(0)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F3D232</td>
<td>(Purple, Polly)</td>
<td>Polly</td>
<td>Purple</td>
<td></td>
<td></td>
<td></td>
<td>Hispanic</td>
<td>Asian Indian/Alaska Native</td>
<td>Yes (1)</td>
<td>2</td>
<td></td>
<td>Lexapro Prevacid Paxil Other meds None of the above meds</td>
<td></td>
</tr>
<tr>
<td>H3G123</td>
<td>(Violet, Vicky)</td>
<td>Vicky</td>
<td>Violet</td>
<td></td>
<td></td>
<td></td>
<td>Asian Indian/Alaska Native</td>
<td></td>
<td>(0)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>J4C244</td>
<td>(Green, Grace)</td>
<td>Grace</td>
<td>Green</td>
<td>(615) 444-3232</td>
<td><a href="mailto:gtds@fjdlka.biz">gtds@fjdlka.biz</a></td>
<td>1955-09-01</td>
<td>Hispanic</td>
<td>Asian Indian/Alaska Native</td>
<td>Yes (1)</td>
<td>2</td>
<td></td>
<td>Lexapro Prevacid Paxil Other meds None of the above meds</td>
<td></td>
</tr>
<tr>
<td>T4W2345</td>
<td>(Orange, Olivia)</td>
<td>Olivia</td>
<td>Orange</td>
<td></td>
<td></td>
<td></td>
<td>Native Hawaiian or Other Pacific Islander</td>
<td></td>
<td>(2)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>K1C4335</td>
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<td></td>
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<td></td>
<td></td>
<td></td>
<td>Hispanic</td>
<td>Black</td>
<td>(2)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Sub-sets of Data

Example Research Study

Data Exports, Reports, and Stats

Create New Report  My Reports

Number of results returned: 4
Total number of records queried: 7

Female participants

<table>
<thead>
<tr>
<th>Record ID</th>
<th>First Name</th>
<th>Last Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>77</td>
<td>Yolanda</td>
<td>Yellow</td>
</tr>
<tr>
<td>78</td>
<td>Patty</td>
<td>Purple</td>
</tr>
<tr>
<td>81</td>
<td>Catherine</td>
<td>Celery</td>
</tr>
<tr>
<td>83</td>
<td>Ellie</td>
<td>Ecru</td>
</tr>
</tbody>
</table>
Exporting "All data (all records and fields)"

Select your export settings, which includes the export format (Excel/CSV, SAS, SPSS, R, Stata) and whether or not to perform de-identification on the data set.

### Choose export format

- **CSV / Microsoft Excel (raw data)**
- **CSV / Microsoft Excel (labels)**
- **SPSS Statistical Software**
- **SAS Statistical Software**
- **R Statistical Software**
- **STATA Statistical Software**

### De-identification options (optional)

The options below allow you to limit the amount of sensitive information that you are exporting out of the project. Check all that apply.

- **Known Identifiers**:
  - Remove all tagged Identifier fields (tagged in Data Dictionary)
  - Hash the Record ID field (converts record name to an unrecognizable value)

- **Free-form text**:
  - Remove unvalidated Text fields (i.e. Text fields other than dates, numbers, etc.)
  - Remove Notes/Essay box fields

- **Date and datetime fields**:
  - Remove all date and datetime fields
  - Shifting all dates by a value between 0 and 364 days (shifted amount determined by algorithm for each record)

[What is date shifting?]

[Deselect all options]

[Export Data] [Cancel]
Accessing/Collaborating in REDCap
https://redcap.zih.tu-dresden.de

ZIH-Administratoren:
manuel.schulze@tu-dresden.de
alvaro.aguilera@tu-dresden.de
Project Access
Your role in a REDCap Project

Design
• Creating Instruments
• Writing questions

Data entry

Viewing/Analyzing Data
Defining Access Level

Basic Rights:
- Expiration Date
- User Rights
- Data Access Groups
- Privileges for data exports (including PDFs and API generated reports, and stats)
- Data Exports
  - De-identified means that all free-form text fields will be removed, as well as any date/time fields and identifier fields.
- Add/Edit/Organize Reports
  - Also allows user to view ALL reports (but not necessarily all data in the reports)
- Stats & Charts
- Other privileges:
  - Survey Distribution Tools
  - Calendar
  - Data Import Tool
  - Data Comparison Tool
  - Logging
  - File Repository

Data Entry Rights:
- Data Entry Rights "only" pertain to a user’s ability to view or edit data on a webpage or REDcap (e.g., data entry forms, reports). It has no effect on data imports or data exports.

<table>
<thead>
<tr>
<th></th>
<th>No Access</th>
<th>Read Only</th>
<th>View &amp; Edit</th>
<th>Edit survey responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demographics</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Baseline Date</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pain Management Survey - PRE (survey)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intervention Data</td>
<td></td>
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</tr>
<tr>
<td>Pain Management Survey - POST (survey)</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Study Completion</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

New User Notification:
- Notify user of their project access via email?
Communicating with your team in REDCap

- Can have group messages with users on the project
- Allows your team members to have a secure dialogue about your project
Let’s have a look at sample databases!
Project Design

Creating a project

Adding and editing fields
Create a project

Create a new REDCap Project

You may begin the creation of a new REDCap project on your own by completing the form below and clicking the Create Project button at the bottom.

**Project title:**

Title to be displayed on project webpage

**Purpose of this project:**

How will it be used?

--- Select One ---

- Practice / Just for fun
- Operational Support
- Research
- Quality Improvement
- Other

Choose a project template

*comes pre-filled with fields, forms, metadata, and other settings*
Project Setup Page
Design Data Collection Instruments

Add or edit fields on your data collection instruments. This may be done by either using the Online Designer (online method) or by uploading a Data Dictionary (offline method), in which you may use either method or both. Quick links: Download PDF of all data collection instruments OR Download the current Data Dictionary.

Go to Online Designer or Data Dictionary.

You may also browse for pre-built data collection instruments in the REDCap Shared Library. Have you checked the Check For Identifiers page to ensure all identifier fields have been tagged?
### Baseline Data

#### Baseline Measurements

<table>
<thead>
<tr>
<th>Variable</th>
<th>Field Type</th>
<th>Description</th>
<th>Value</th>
<th>Today</th>
<th>Y-M-D</th>
</tr>
</thead>
<tbody>
<tr>
<td>date_visit_b</td>
<td>Text</td>
<td>Date of baseline visit</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>date_blood_b</td>
<td>Text</td>
<td>Date blood was drawn</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>aib_b</td>
<td>Text</td>
<td>Serum Albumin (g/dL)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>prealb_b</td>
<td>Text</td>
<td>Serum Prealbumin (mg/dL)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>creat_b</td>
<td>Text</td>
<td>Creatinine (mg/dL)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Record Identifier

Ready to add fields
You may now begin adding fields to your data collection instrument below using the Online Designer. Alternatively, you may build your fields in the Data Dictionary (offline method) by clicking its tab above.

This module will allow you to create new data collection instruments/surveys or edit existing ones. Changes may be made by either using the Online Designer or Upload Data Dictionary (see tabs above), in which you may use either method or both. The Online Designer may help you get some initial fields/forms built quickly or to make quick edits, but using the Data Dictionary file may be more helpful if you will be adding a large number of fields for this project.

This page allows you to build and customize your data collection instruments one field at a time. You may add new fields or edit existing ones. New fields may be added by clicking the Add Field buttons. You can begin editing an existing field by clicking on the Edit icon. If you decide that you do not want to keep a field, you can simply delete it by clicking on the Delete icon. To reorder the fields, simply drag and drop a field to a different position within the form below. NOTE: While in development status, all field changes will take effect immediately in real time.

Current instrument: Demographics

Variable: record_id
Record ID

NOTE: The field above is the record ID field and thus cannot be deleted or moved. It can only be edited.
To add a new field to this data collection instrument, complete the fields below and click the Save button at the bottom. The new field will be added to the form on this page.

For an overview of the different field types available, you may view the [Field Types video](#) (4 min).

### Field Type:
- Select a Type of Field
  - Text Box (Short Text, Number, Date/Time, ...)
  - Notes Box (Paragraph Text)
  - Calculated Field
  - Multiple Choice - Drop-down List (Single Answer)
  - Multiple Choice - Radio Buttons (Single Answer)
  - Checkboxes (Multiple Answers)
  - Yes - No
  - True - False
  - Signature (draw signature with mouse or finger)
  - File Upload (for users to upload files)
  - Slider / Visual Analog Scale
  - Descriptive Text (with optional Image/Video/Audio/File Attachment)
  - Begin New Section (with optional text)
When possible, select a field type that will collect data in a quantitative manner

Provide a list of choices rather than asking an open-ended question

Add validation when possible to restrict the type of text entered
Instead of open-ended (text box field type)...

...use close-ended (multiple-choice):
Quantitative questions will yield graphical and statistical results.
When collecting this type of data...

Date
Email
Integer
Number
Phone (North America)
Time
Vanderbilt MRN
Zip code (US)
Instead of open-ended (text box field type)…

…use a text box field type with validation
BUT SOME FIELD TYPES ARE SIMILAR, THO...
Multiple Choice options

Add New Field

You may add a new project field to this data collection instrument by completing the fields below and clicking the Save button at the bottom. When you add a new field, it will be added to the form on this page. For an overview of the different field types available, you may view the Field Types video (4 min).

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- Text Box (Short Text, Number, Date/Time, ...)
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- Slider / Visual Analog Scale
- Descriptive Text (with optional Image/Video/Audio/File Attachment)
- Begin New Section (with optional text)
Radio buttons - short list of choices

With which institution are you affiliated?
- Vanderbilt University
- Vanderbilt University Medical Center
- Meharry Medical College

With which department are you affiliated?

How do you anticipate using REDCap?
- for databases
- for surveys
- for both surveys and databases

Do you anticipate designing/building a REDCap project?
- Yes
- No
Drop-down list: Long list of choices

With which institution are you affiliated?
- Vanderbilt University
- Vanderbilt University Medical Center
- Meharry Medical College

With which department are you affiliated?

How do you anticipate using REDCap?

Do you anticipate designing/building a REDCap project?
(Some people only enter data into existing projects and are not involved with the design of the project)

Do you anticipate entering data into a REDCap project?
- Yes
- No

Options:
- Allergy Pulmonary Critical Medicine
- Allied Health
- Arts & Sciences
- Biomed Research Edu and Training
- Cardiovascular Medicine
- Eskind Biomedical Library
- Executive Health and Wellness
- Finance
- General Internal Medicine
- Genetic Medicine
- HealthIT Clin Group
- HealthIT VHAN Analysis
- HealthCarry Research Center
<table>
<thead>
<tr>
<th>With which institution are you affiliated?</th>
<th>Vanderbilt University</th>
<th>Vanderbilt University Medical Center</th>
<th>Meharry Medical College</th>
</tr>
</thead>
<tbody>
<tr>
<td>With which department are you affiliated?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>How do you anticipate using REDCap?</td>
<td>for databases</td>
<td>for surveys</td>
<td>for both surveys and databases</td>
</tr>
<tr>
<td>Do you anticipate designing/building a REDCap project?</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>
What REDCap topics would you like to see covered in future trainings?

- Action tags
- Piping
- Surveys
- Data Dictionary - when to use
- Using the Data Import Tool
- Optional Modules and Customizations
- Other
Group questions or provide information

Add New Field

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Multiple Choice - Drop-down List (Single Answer)
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Checkboxes (Multiple Answers)
Yes - No
True - False
Signature (draw signature with mouse or finger)
File Upload (for users to upload files)
Slider/Visual Analog Scale

Descriptive Text (with optional Image/Video/Audio/File Attachment)
Begin New Section (with optional text)
Begin New Section

<table>
<thead>
<tr>
<th>Screening information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Which of the following medications is being taken? (check all that apply)</td>
</tr>
<tr>
<td>Levaquin</td>
</tr>
<tr>
<td>Celexa</td>
</tr>
<tr>
<td>Prozac</td>
</tr>
<tr>
<td>Paxil</td>
</tr>
<tr>
<td>Zoloft</td>
</tr>
<tr>
<td>Other</td>
</tr>
<tr>
<td>None of the above</td>
</tr>
<tr>
<td>consult the study protocol for other examples of meds we need to document!</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Height (cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>130-215</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Weight (kilograms)</th>
</tr>
</thead>
<tbody>
<tr>
<td>25-200</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BMI</th>
</tr>
</thead>
<tbody>
<tr>
<td>View equation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Is the participant currently ACTIVE on the study?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
</tr>
<tr>
<td>NO</td>
</tr>
</tbody>
</table>

**STOP!**

This person is no longer on the study, so you need to cancel any remaining visits or surveys. Check the study protocol for detailed instructions. Enter the date below when you’ve completely finished with all their study close-out procedures.

Attachment: Study Protocol.docx (0.01 MB)

Date removed from study

Comments
You may add a new project field to this data collection instrument by completing the fields below and clicking the Save button at the bottom. When you add a new field, it will be added to the form on this page. For an overview of the different field types available, you may view the Field Types video (4 min).

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- True - False
- Signature (draw signature with mouse or finger)
- File Upload (for users to upload files)
- slider / Visual Analog Scale
- Descriptive Text (with optional Image/Video/Audio/File Attachment)
- Begin New Section (with optional text)
Do you have any suggestions for changes to the presentation?

This could be:
- the order in which the material was presented
- material that could have been omitted
- material that should have been presented that wasn't
- length of the session, etc.
Field label = your question
Variable Name
Name
Fax number
Phone number
Email address
Account numbers
Social Security Number
Medical Record Number
Health Plan number
Certificate/license numbers
...

Identifier
What is your favorite flavor of ice-cream?

- Chocolate
- Strawberry
- Vanilla
- Butter Pecan
- Mint Chocolate Chip

Check all that apply.
What is your favorite flavor ice cream?

- Chocolate
- Strawberry
- Vanilla
- Other

Please specify:
Branching Logic Builder

Add/Edit Branching Logic

Branching Logic may be employed when fields/questions need to be hidden under certain conditions. If branching logic is defined, the field will only be visible if the conditions provided are true (i.e., show the field only if...). You may specify those conditions in the text box below for the Advanced Branching Logic Syntax or by choosing the Drag-N-Drop Logic Builder method, which allows you to build your logic in a much easier fashion by simply dragging over the options you want. You may switch back and forth between each method if you wish, but please be aware that since the advanced logic allows for greater complexity, it may not be able to be switched over to the Drag-N-Drop method if it becomes too complex.

Choose method below for the following field: otherflavor - Please specify:

- Advanced Branching Logic Syntax

  Show the field ONLY if...

  Test logic with a record: -- select record --

- OR -

- Drag-N-Drop Logic Builder

  Field choices from other fields (drag a choice below to box on right)
  
  participant_id = (define criteria)
  name = (define criteria)
  flavor = Chocolate (1)
  flavor = Strawberry (2)
  flavor = Vanilla (3)
  flavor = Other (4)
  title = (define criteria)
  registrationdate = (define criteria)

  Show the field ONLY if...
  ○ ALL below are true
  ○ ANY below are true
Field choices from other fields
(drag a choice below to box on right)

- participant_id = (define criteria)
- name = (define criteria)
- flavor = Chocolate (1)
- flavor = Strawberry (2)
- flavor = Vanilla (3)
- flavor = Other (4)

Variable Name

Raw value

Branching logic: [flavor] = '4'

Please specify: