

REDCap – Repeating Instruments

- Before enabling the repeating instrument functionality, first build all of your forms in either the Online Designer or Data Dictionary.
- Once all forms have been built, navigate to the Project Setup page. Under “Enable optional modules and customizations,” select the Enable button next to “Repeatable instruments.”

Enable optional modules and customizations

Optional

I'm done!

Enable Repeatable instruments

Disable Auto-numbering for records

Enable Scheduling module (longitudinal only)

Enable Randomization module

Enable Designate an email field to use for invitations to survey participants

Additional customizations

- A window will pop up where you will select the instrument(s) that you want to repeat. You also have the option of piping in field(s) from that instrument to create a custom label for each repeat instance on the Record Home Page. When finished, select “Save.”

Repeatable instruments

An excellent way to collect repeating data in REDCap is to use repeatable instruments and/or repeatable events. This is sometimes called one-to-many data collection. Some examples may include but are not limited to the following: data from multiple visits or observations, concomitant medications, adverse events, or repetitive surveys (daily, weekly, etc.).

Below you can specify a data collection instrument to be infinitely repeatable, which means that an instrument can be repeated over and over again (a different number of times for each record) even without enabling REDCap's longitudinal module. Once an instrument is set to repeat, you will see options on the Record Home Page to add another instance of the instrument for the currently selected record. All instances of a repeating instrument will then be displayed as a table near the bottom of the Record Home Page, thus allowing viewing of the instances and easy navigation within them.

Repeat this instrument?	Instrument name	Custom label for repeating instruments (optional)
<input type="checkbox"/>	Baseline Questionnaire	<input type="text"/>
<input type="checkbox"/>	Visit 1	<input type="text"/>
<input type="checkbox"/>	Visit 2	<input type="text"/>
<input checked="" type="checkbox"/>	Medications	<input type="text" value="[medname]"/>

Save **Cancel**












- You have now successfully enabled the repeating instrument functionality. The Record Home Page will display the repeating instrument(s) below the main instrument list with the custom label (in this example it is the medication name).


Record Home Page

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.









 Choose action for record ▾

Legend for status icons:






 Incomplete  Incomplete (no data saved) 
 Unverified    Many statuses (all same)
 Complete    Many statuses (mixed)

 Record ID 1 successfully edited

Record ID 1

 Data Collection Instrument	Status
Baseline Questionnaire	
Visit 1	
Visit 2	
Medications	   

Repeating Instruments

Medications 		
1		Advil
2		Zyrtec
3		Zoloft
 Add new		

- In order to add a new instance of your repeating instrument, you can click the (+) icon next to the stacked bubbles in the first table or click the “Add new” button below the list of repeating instruments in the second table.