

REDCap: Overview and Highlights

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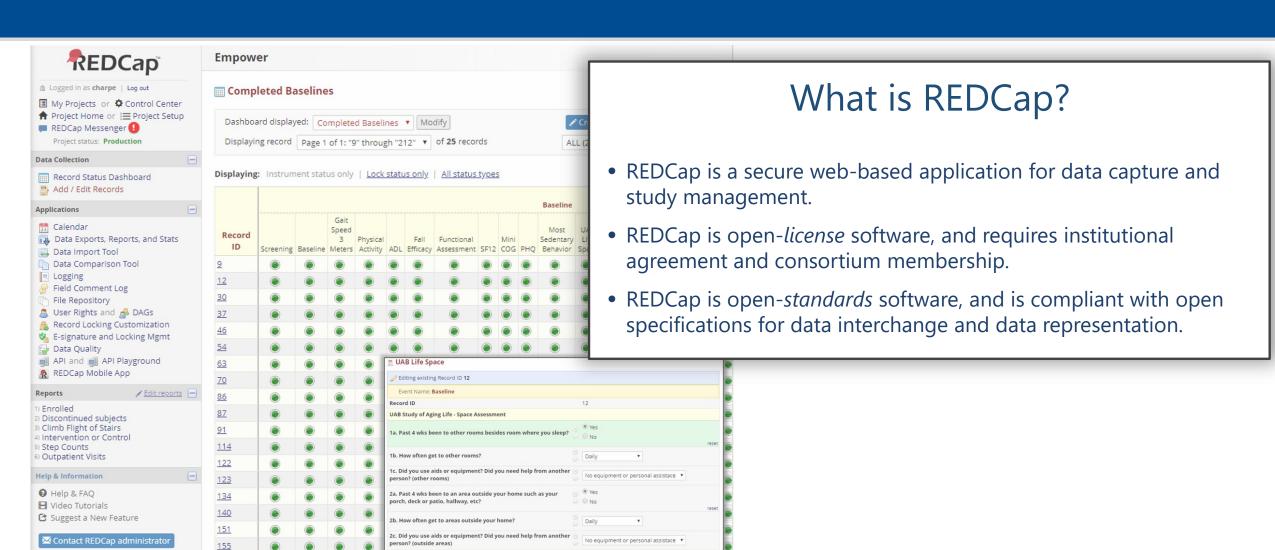
Yale Pepper OAIC Operations Core

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Data Management and Informatics Core

PILOT, PILOT, PILOT

- Outcome selection for target population
 - Target population: Health, function, cognition
 - Feasibility of outcome ascertainment; preliminary data
 - Research Operations: Resources/budget, timeline, space, training
- Minimize burden on participants and research staff
- Feedback on data collection process
- Testing of systems and workflow

WHAT IS REDCAP



REDCAP FEATURES

- You can use REDCap to enter data into electronic forms, to conduct online surveys, and/or to upload existing data for integration into your study.
- You can use existing national and local libraries of validated instruments, available online to the REDCap community.
- You can incorporate advanced features for multi-site, multiarm studies.
- You can set rules for access to data based on user role, treatment arm and data collection site.
- You have access to comprehensive logs of design changes (amendments), data entry, and regulatory compliance events.
- You can safely extend REDCap features programmatically.
- You can integrate REDCap with other web-based tools.

REDCAP COMMUNITY

The REDCap Consortium is impactful



- The key to sustainable software
- REDCap Consortium stands out



- Incorporate Data Management and Informatics early
- Build in reminders, prompts, controls, and tools for:
 - -Study staff
 - -Participants
 - -Clinicians

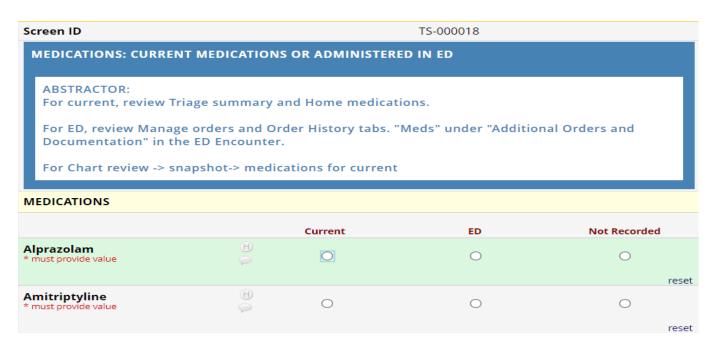
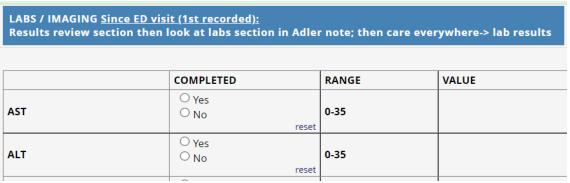
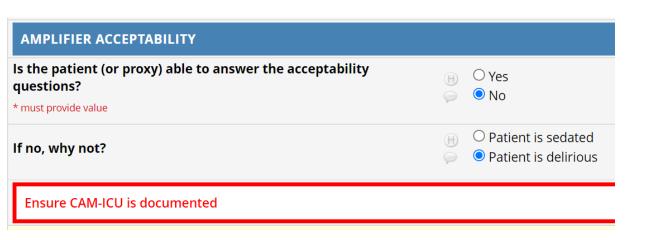


Chart Review

- Detailed instructions
- Ordering of items
- Ordering of sections





If 'Patient is delirious', study staff are prompted to collect CAM-ICU measure.

Example: Survey Instructions

Thank you for your time today! Your responses will help inform Lyme disease prevention efforts.

IMPORTANT! You must hit the "SUBMIT" button below and then the "CLOSE SURVEY" button on the next page to make sure you receive your \$10 gift card.

The 'SUBMIT' reminder prevents incomplete surveys/missing data.

Example: Real-time data quality control



Controls to prevent errors

Example: Warnings



Custom warnings for data inconsistencies.

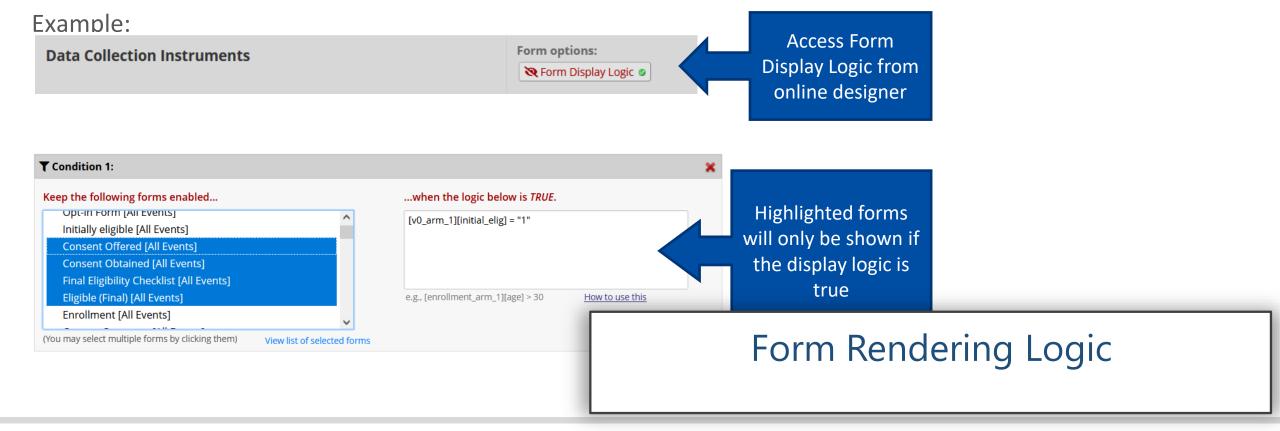
REDCAP VERSION 12 SELECTED HIGHLIGHTS

- today and now can now be used as the min or max values for validation so that the current date or time is always used for validation. These can be used to prevent a date/time field from having a value in the past or in the future.
- Additionally, you can now pipe a value from another field into the field's min or max range setting e.g., [visit_date] or [event_1_arm_1][age].

Date Validation Enhanced

REDCAP VERSION 12 SELECTED HIGHLIGHTS

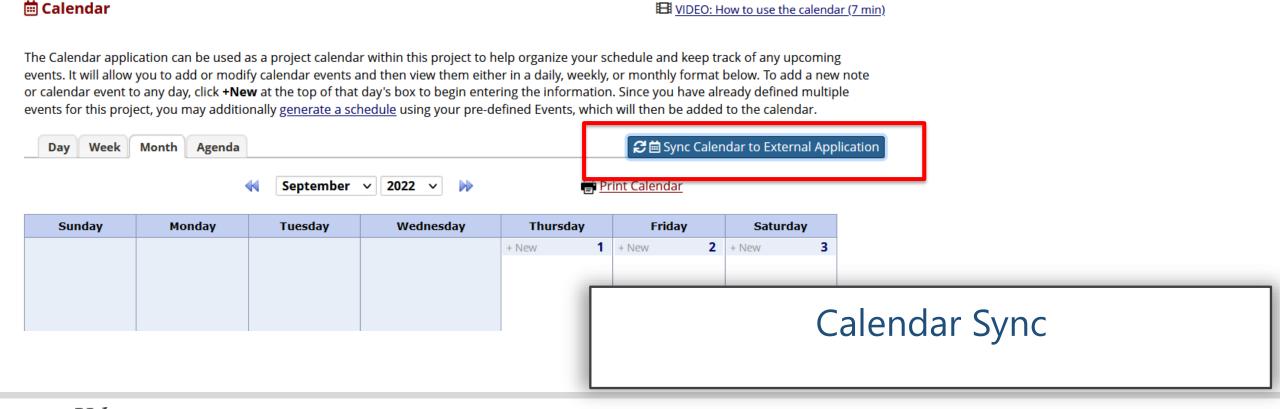
 Provides a way to use conditional logic to disable specific data entry forms that are displayed on the Record Status Dashboard, Record Home Page, or the form list on the left-hand menu.



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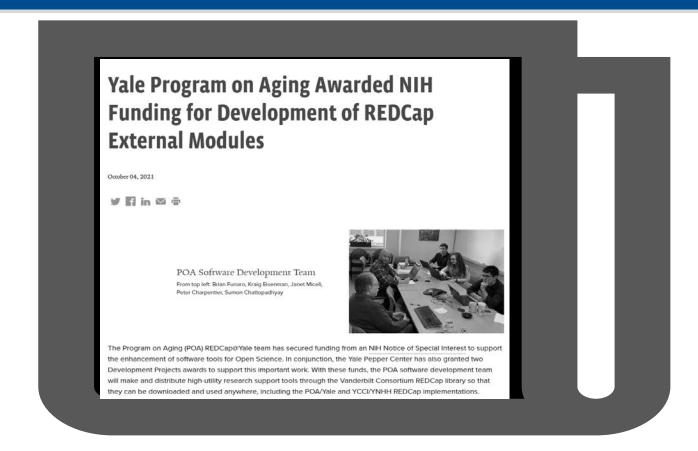
REDCAP VERSION 12 SELECTED HIGHLIGHTS

• If your project uses scheduling, you can use the new Calendar Sync feature to sync your REDCap project calendar to an external calendar application.



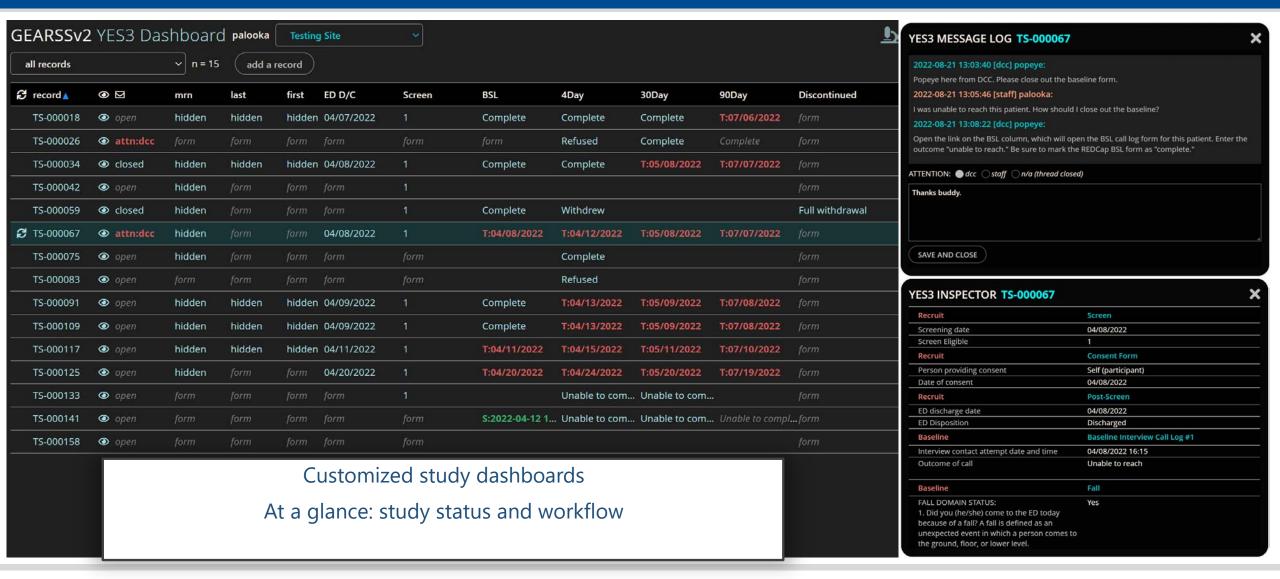
YALE STUDY SUPPORT SUITE (YES3)

- 1. YES3 Exporter
- 2. YES3 Dashboard
- 3. YES3 Site Portal



For additional information about YES3: https://portal.redcap.yale.edu/resources/yes3/

YALE STUDY SUPPORT SUITE (YES3)



YALE STUDY SUPPORT SUITE (YES3)

It is available through the Vanderbilt REDCap Repository (at no cost).



Repository of External Modules

The REDCap Repo is a centralized repository of curated External Modules that can be downloaded and installed in REDCap by a REDCap administrator. External Modules are add-on packages of software that can extend REDCap's current functionality, as well as provide customizations and enhancements for REDCap's existing behavior and appearance, either at the system level or project level. The modules provided here were created and submitted by software developers at various REDCap institutions around the world.

If you have created a module and wish to submit it to be listed in the REDCap Repo, please complete the <u>Module Submission Survey</u>. Updated versions must also be submitted via the survey. To learn more about the REDCap Repo module review process, you may download the <u>Module Review Guidelines (PDF)</u>.

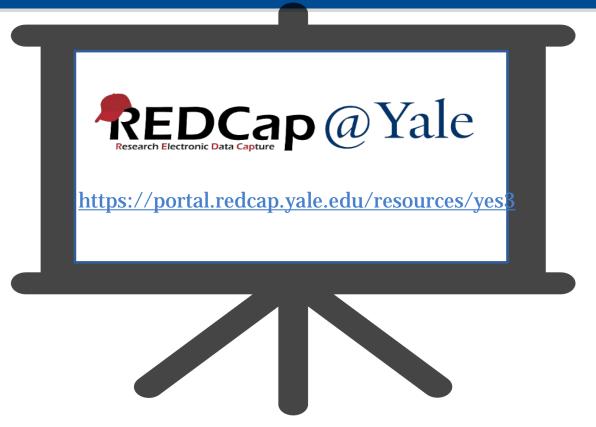
You may search below for available modules. If you got to this site directly, you will be able to view information about each module, but you will not be able to download modules from this page unless you arrived here from the REDCap application and are a REDCap administrator. If you have questions or are experiencing issues, please contact redcap@vumc.org.

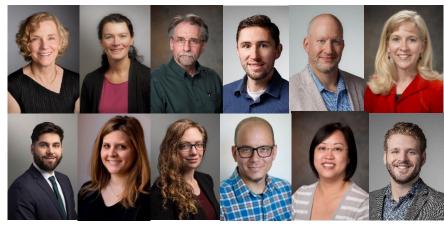
Disclaimer: The modules listed in the REDCap Repo have gone through a process of testing, validation, and curation by the Vanderbilt REDCap Team with help from trusted individuals in the REDCap Consortium. It should not be assumed that all modules are bug-free or perfect, so please be aware that the entire risk as to the quality and performance of the module as it is used in your REDCap installation is borne by the REDCap administators who download and install the modules.



Email your local REDCap Administrator to download and enable the module in your project.

THANK YOU





Top Row
Denise Acampora
Katy Araujo
Peter Charpentier
Kraig Eisenman
Brian Funaro
Mary Geda

Bottom Row
Tyler Hamilton
Dana Limone
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