



Survey Data Collection Using VA REDCap

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VA Information Resource Center (VIReC)

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Poll Question #1

I am interested in VA data primarily due to my role as:

- a. Principal investigator/Co-PI
- b. Research staff (Project coordinator, data manager, programmer)
- c. Clinical Staff
- d. Operations Staff
- e. Other—Please describe via the Q & A function

Session Objectives

- Introduction to VA REDCap
- Examples of Survey Data Collection in VA REDCap
 - Paper (Mailed or in person)
 - Verbal (Phone or in person)
 - Electronic (on a VA device)
 - Veterans
 - VA employees
- Getting Started with VA REDCap



What is REDCap?



- Secure web application for research data collection developed by Vanderbilt University with NIH funding
- Primary data collection tool supports compliance with:
 - 21 CFR Part 11
 - FISMA
 - HIPAA
- Used world-wide



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Poll Question #2

 **VA REDCap** is the centralized instance of REDCap at the VA.

How would you rate your knowledge of VA REDCap?

- a. Expert – extensive VA REDCap experience
- b. Intermediate – moderate VA REDCap experience
- c. Beginner – little or no VA REDCap experience

VA REDCap Benefits

- Available for free to all VA employees (including WOC appointments)
 - Centrally managed by VIREC
 - Hosted by VINCI
- Provides researchers with a flexible primary data collection tool
 - Easy to get started
 - No programming experience required
 - Many advanced features available



VA REDCap Limitations

- VA Intranet Only
 - Survey respondents must be logged into an active VA network account to respond to a VA REDCap survey
- Not approved for storage of Personally Identifiable Information (PII) or Protected Health Information (PHI).



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Examples of Survey Data Collection in VA REDCap



- Paper (Mailed or in person)



- Verbal (Phone or in person)



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Feature Presentations

- Periodic live [Feature Presentations](#) are archived for future reference
 - Example: March 2017, Mark Pabst, MPH, presented on Administering Veteran Surveys Using VA REDCap on iPad Minis
 - Schedule and Feature Presentation Archive are available at <https://vhacdwwweb05.vha.med.va.gov/surveys/?s=83JAXH9P8P> (VA Intranet only)

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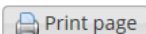
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VA REDCap Feature Presentation Questionnaire

1. How would you rate the quality of the presentation?
2. Did the presentation provide the right level of detail?
3. Do you have suggestions for improvement?
4. Do you have suggestions for other topics for VA REDCap Feature Presentations?
5. Are you a researcher or non-researcher?



First: Build an “Instrument”



Data Dictionary Codebook

#	Variable / Field Name	Field Label <i>Field Note</i>	Field Attributes (Field Type, Validation, Choices, Calculations, etc.)										
Instrument: VA REDCap Feature Presentation Questionnaire (va_redcap_feature_presentation_questionnaire)													
1	record_id	Record ID	text										
2	feature	Feature Presentation Description	text Field Annotation: @HIDDEN-SURVEY										
3	quality_presentation	How would you rate the quality of the presentation?	radio <table><tr><td>1</td><td>Excellent</td></tr><tr><td>2</td><td>Very Good</td></tr><tr><td>3</td><td>Good</td></tr><tr><td>4</td><td>Fair</td></tr><tr><td>5</td><td>Poor</td></tr></table>	1	Excellent	2	Very Good	3	Good	4	Fair	5	Poor
1	Excellent												
2	Very Good												
3	Good												
4	Fair												
5	Poor												
4	level_of_detail	Did the presentation provide the right level of detail?	radio <table><tr><td>1</td><td>Yes</td></tr><tr><td>2</td><td>No, Too Little Detail</td></tr><tr><td>3</td><td>No, Too Much Detail</td></tr></table>	1	Yes	2	No, Too Little Detail	3	No, Too Much Detail				
1	Yes												
2	No, Too Little Detail												
3	No, Too Much Detail												
5	improvement	Do you have suggestions for improvement?	notes Custom alignment: LH										
6	suggestions_topics	Do you have suggestions for other topics for VA REDCap Feature Presentations?	notes Custom alignment: LH										
7	researcher_non_type	Are you a researcher or non-researcher? <i>Check all that apply</i>	checkbox <table><tr><td>1</td><td>researcher_non_type__1</td><td>Researcher</td></tr><tr><td>2</td><td>researcher_non_type__2</td><td>Operations</td></tr><tr><td>3</td><td>researcher_non_type__3</td><td>Clinician</td></tr></table>	1	researcher_non_type__1	Researcher	2	researcher_non_type__2	Operations	3	researcher_non_type__3	Clinician	
1	researcher_non_type__1	Researcher											
2	researcher_non_type__2	Operations											
3	researcher_non_type__3	Clinician											
8	va_redcap_feature_presentation_questi onnaire_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table><tr><td>0</td><td>Incomplete</td></tr><tr><td>1</td><td>Unverified</td></tr><tr><td>2</td><td>Complete</td></tr></table>	0	Incomplete	1	Unverified	2	Complete				
0	Incomplete												
1	Unverified												
2	Complete												

VA REDCap Terminology



- Data Collection Form

- Must be logged into VA REDCap with permission to enter data into the form



- Survey

- Anyone connected to the VA intranet with the survey link can enter data
- May be anonymous

Data Collection Instruments

Survey options:

Survey Queue

Survey Login

Survey Notifications

Instrument name

Fields

View PDF

Enabled a survey

Instrument actions

Survey-related options

VA REDCap Feature Presentation Questionnaire

7



Choose action ▾

Survey settings

+ Automated Invitations

Examples of Survey Data Collection in VA REDCap



- Paper (Mailed or in person)
 - VA staff member enters on Data Collection Form



- Verbal (Phone or in person)
 - VA staff member enters on Data Collection Form



- Electronic (on a VA device)
 - Veteran responds on Survey
 - VA employee responds on Survey

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Survey Administered on Paper

- Mailed or in person



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Confidential

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VA REDCap Feature Presentation Questionnaire

Thank you for sharing your feedback so that we may improve our educational offerings.

- 1) Feature Presentation Description _____
- 2) How would you rate the quality of the presentation?
 - ☐ Excellent
 - ☐ Very Good
 - ☐ Good
 - ☐ Fair
 - ☐ Poor
- 3) Did the presentation provide the right level of detail?
 - ☐ Yes
 - ☐ No, Too Little Detail
 - ☐ No, Too Much Detail
- 4) Do you have suggestions for improvement?
- 5) Do you have suggestions for other topics for VA REDCap Feature Presentations?

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Survey Administered on Paper



Browser address bar: https://vhacdweb05.vha.med.va.gov/redcap_v7.4.23/DataEntry/index.php?pid=2778&page=va_redcap

VA REDCap Feature Presentation Questionnaire

Actions: [Download PDF of instrument\(s\)](#) [Share instrument in the Library](#) [VIDEO: Basic da](#)

VA REDCap Feature Presentation Questionnaire

Adding new Record ID 28

Event Name: **Event 1 (Arm 1: Arm 1)**

Record ID: 28

Feature Presentation Description

How would you rate the quality of the presentation?

☐ Excellent
☐ Very Good
☐ Good
☐ Fair
☐ Poor

Did the presentation provide the right level of detail?

☐ Yes
☐ No, Too Little Detail
☐ No, Too Much Detail

Do you have suggestions for improvement?

Buttons: Save & Exit Form, Save & ..., -- Cancel --

Left sidebar (REDCap):

- Logged in as: **vhahinparisb** | Log out
- My Projects or Control Center
- Project Home
- Project Setup
- Project status: **Production**
- Data Collection
 - Manage Survey Participants
 - Record Status Dashboard
 - Add / Edit Records
 - Record ID 28 | Select other record
 - Event: **Event 1 (Arm 1: Arm 1)**
 - Data Collection Instruments:
 - VA REDCap Feature Presentation Questionnaire**
- Applications
 - Calendar
 - Data Exports, Reports, and Stats
 - Data Import Tool
 - Data Comparison Tool
 - Logging
 - Field Comment Log
 - File Repository

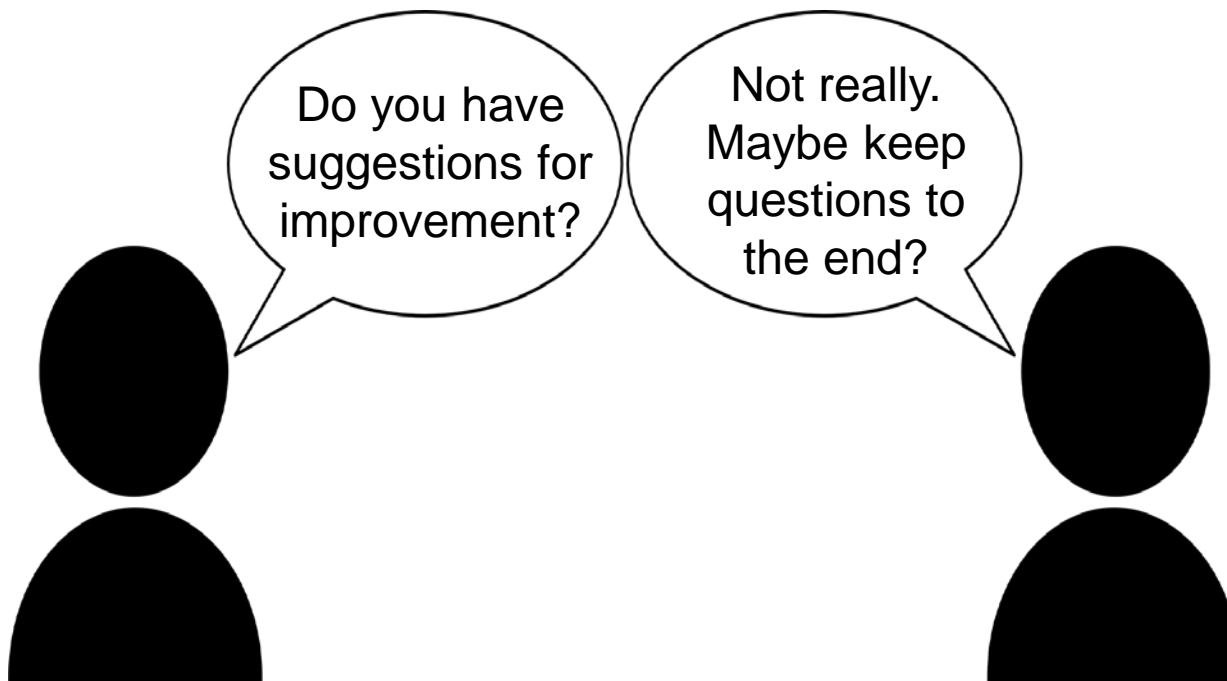
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Survey Administered Verbally

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Survey Administered Verbally

- VA staff member follows script to administer the survey
 - “How would you rate the quality of the presentation? Excellent, Very Good, Good, Fair, or Poor?”
- Respondent answers the question
 - “It was very good”
- VA staff member acknowledges the response and enters the response into VA REDCap
 - “Thank you”

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Survey Administered Verbally



https://vhacdwwweb05.vha.med.va.gov/redcap_v7.4.23/DataEntry/index.php?pid=2778&page=va_redcap VA REDCap Feature Present...

Convert Select

New Open Tickets fepblue MP tracker ilx DAR VDL VHA - DSO (2) VHA - DSO PBM SharePoint TMS VA OWA HIN Data Portal VA REDCap Agilience RiskVis

REDCap

Logged in as **vhahinparisb** | Log out

My Projects or Control Center

Project Home

Project Setup

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Actions: Download PDF of instrument(s) Share instrument in the Library VIDEO: Basic da

Save & Exit Form

Save & ...

-- Cancel --

Adding new Record ID 28

Event Name: **Event 1 (Arm 1: Arm 1)**

Record ID 28

Feature Presentation Description

How would you rate the quality of the presentation?

☐ Excellent
☐ Very Good
☐ Good
☐ Fair
☐ Poor

reset

Did the presentation provide the right level of detail?

☐ Yes
☐ No, Too Little Detail
☐ No, Too Much Detail

reset

Do you have suggestions for improvement?

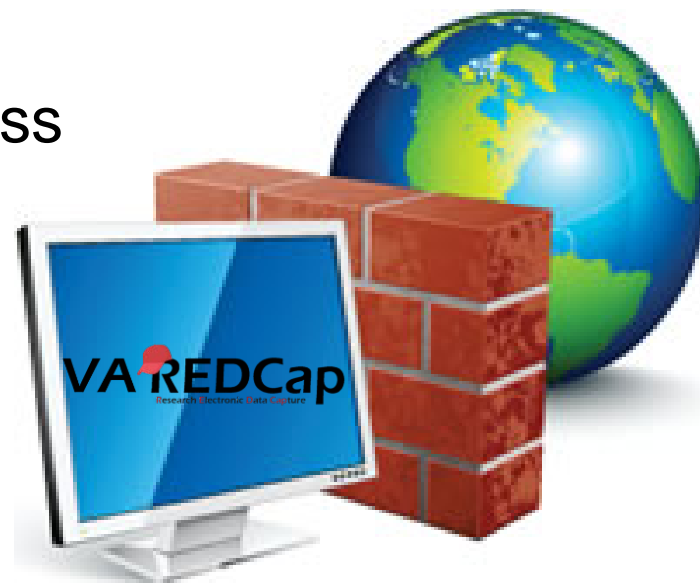
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Survey Administered Electronically

- On a VA device
 - Veterans
 - VA employees
- Requires VA intranet access



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Electronic Surveys - Veterans

- Local ISO must approve and configure VA device for use by Veterans



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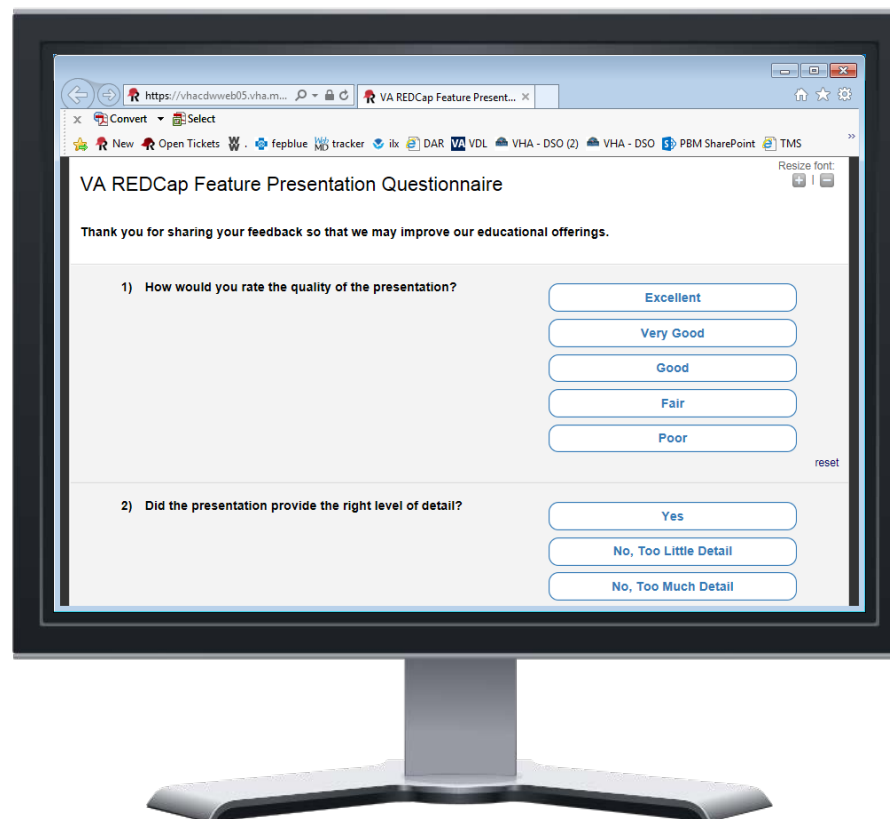
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Electronic Surveys - Veterans

Must have local ISO
approve use of VA device
by non-VA personnel.



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Electronic Surveys – VA Employees

- May require approval by the VHA National Leadership Council's Organizational Assessment Sub-Committee (OASC) if at least one of the following are true:
 - Surveys 1000 or more VA employees
 - Surveys VA employees across 10 or more sites
- **Also applies to paper surveys!**
- Learn more at <https://www.research.va.gov/resources/oasc.cfm>



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Electronic Surveys – VA Employees

- Will responses be identifiable or anonymous?
 - System default is anonymous, even if you e-mail individual invitations using VA REDCap
- How will you provide the survey link?
 - Use VA REDCap to email invitations with unique survey links per respondent (with optional automatic reminder emails)
 - Use another method with the “public survey URL”
 - Email invitations from Microsoft Outlook
 - Post public survey URL to a VA intranet site

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Electronic Surveys – VA Employees

The screenshot shows a web browser window with the URL <https://vhacdwwweb05.vha.m...> and the title 'VA REDCap Feature Present...'. The browser's address bar and tabs are visible. The main content area displays the 'VA REDCap Feature Presentation Questionnaire'. It begins with a thank you message: 'Thank you for sharing your feedback so that we may improve our educational offerings.' The questionnaire consists of two questions, each with five response buttons. Question 1 asks for a rating of the presentation quality, with options: Excellent, Very Good, Good, Fair, and Poor. Question 2 asks if the presentation provided the right level of detail, with options: Yes, No, Too Little Detail, and No, Too Much Detail. A 'reset' link is located at the bottom right of the questionnaire area.

VA REDCap Feature Presentation Questionnaire

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1) How would you rate the quality of the presentation?

Excellent
Very Good
Good
Fair
Poor

2) Did the presentation provide the right level of detail?

Yes
No, Too Little Detail
No, Too Much Detail

reset

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How can I get started with VA REDCap?

- Complete the VA REDCap Intake Form to request an account
 - <https://vhacdwwweb05.vha.med.va.gov/surveys/?s=W7Y9ACRKKX>
(VA Intranet only)
- VA REDCap 101: Overview for VA Researchers
 - https://www.hsrd.research.va.gov/for_researchers/cyber_seminars/archives/video_archive.cfm?SessionID=2444 (VA Intranet only)



REDCap Resources for Beginners

- Video tutorials from Vanderbilt University:
 - Online at <https://redcap.vanderbilt.edu/consortium/videos.php>
 - Within VA REDCap

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

- Note: Some of the functionality described, such as the REDCap Mobile App, is not available for use at the VA.

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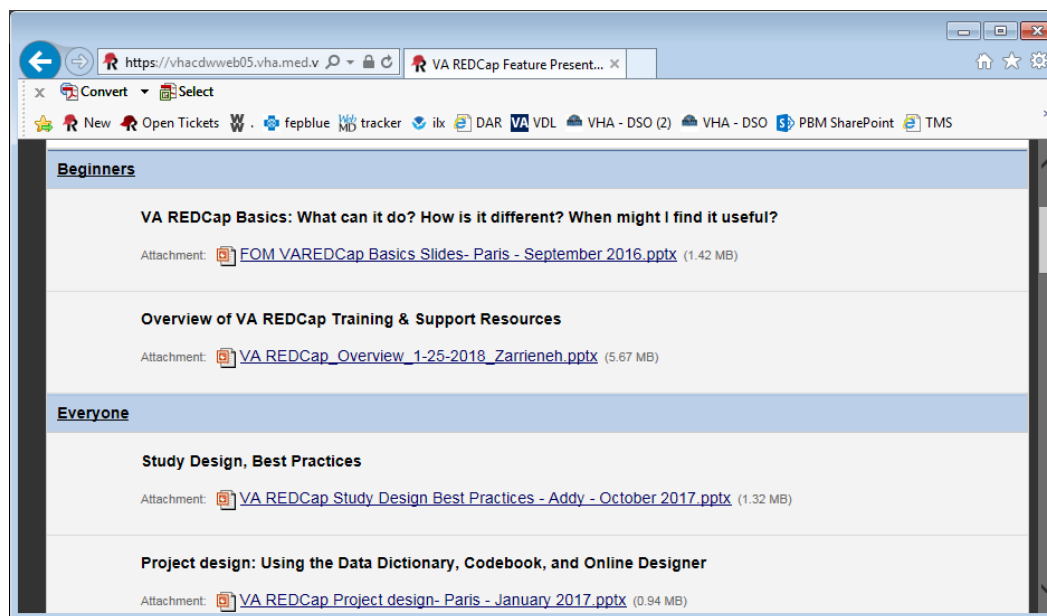
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- Weekly Q&A with VA REDCap support team
 - Thursdays from 3-4pm Eastern Time
 - Attendees can use their computer's speakers and microphone or dial into our VANTS line at 1-800-767-1750 Code 89026# for audio access.
 - Join us online at <http://va-eerc-ees.adobeconnect.com/redcap/>

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Contact Us



- Submit a HelpDesk Ticket
 - <https://vhacdwwweb05.vha.med.va.gov/surveys/?s=W7Y9ACRKKX> (VA Intranet only)



- Contact VA REDCap Support HelpDesk
 - VIReCREDCapSupport@va.gov
 - (708) 202-2413

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Next session: May 22, 2018 at 12pm Eastern

Using Data & Information Systems in Partnered Research Series

Implementing Web-Based Interventions at VA: Case Studies in Diabetes Prevention & Cognitive Behavioral Therapy for Women Veterans

Julian Brunner, MPH & Alison Hamilton PhD

Center for the Study of Healthcare Innovation,
Implementation & Policy (CSHIIP)