

## The Ever-Expanding Functions of REDCap - Successfully Administrating Investigator-Initiated Research Studies

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# The Ever-Expanding Functions of REDCap – Successfully Administering Investigator-Initiated Research Studies

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## ABSTRACT

Before the days of REDCap, the Research Design and Analysis Team's (RDAT) process for investigator-initiated research studies was lacking the support needed and not sufficient for the complexity and quantity of projects. This problem persisted throughout the lifecycle of the project. The old process started with a simple group email serving as the ticketing system, followed by MS Access as the tracking system, and it ended with an often very dirty Excel file, requiring significant cleaning before analysis. LVHN's adoption of REDCap (in 2016) has allowed us to streamline our process and has enhanced the work flow. The following is the series of events involved in the new process that transpire over the lifecycle of a project.

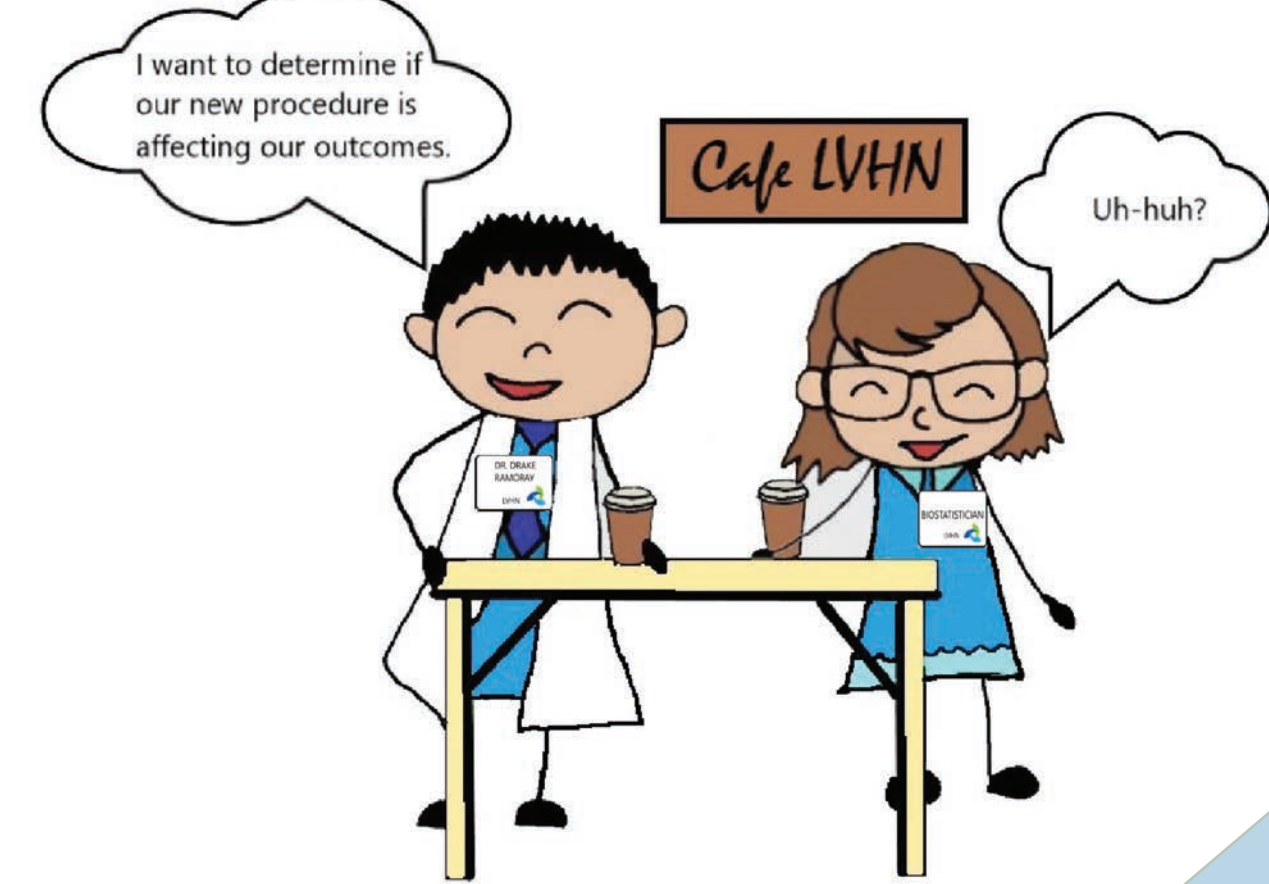
## 1. PROJECT CONCEPTUALIZATION



## 2. TICKETING SYSTEM

[illegible][illegible][illegible]

#### 4. INITIAL STUDY MEETING



### 3. YOU'VE GOT MAIL!



## 5. TRACKING DATABASE

[illegible]

## 6. PROTOCOL DEVELOPMENT

**RDAT Project Tracking Database**

Actions: [Download PDF of Instrument\(s\)](#) [Share Instrument in the Library](#) [VOC\(s\): Basic data](#) [Cancel...](#)

**Project Updates - Protocol Development**

Adding new Record ID 293

Record ID: 293

Protocol Development Notes:

OPTIONAL, for personal use

Task 1

Protocol Development Task

TIME SPENT

Total Protocol Development Tasks Count: 0 View equation

Total Time Spent on Protocol Development: View equation

Form Status

Complete?

Lock this record for this form?

Protocol is now locked and will not be able to add this record on this form unless you are logged in with Lock/Unlock

Incomplete

Task 2

Protocol development

Consult

Survey development

Sample Size Analysis

Codebook development

Database setup

Other

## 9. STATISTICAL ANALYSIS

The screenshot shows the PDAIT Project Tracking Database interface. The main content area displays a table of project tasks. A task is highlighted in blue, and a magnifying glass icon is overlaid on the table. On the right side, there is a sidebar with a search bar and a list of project details, including 'Project Name', 'Project Manager', 'Project Status', and 'Project Progress'.

## 8. DATA CLEANING

**RDPAT Project Tracking Database**

Admin: [Download PDF of Instructions](#) | [Share Instructions in the Library](#) | [SELECT BACKSLASH](#) | [New & CPT](#) | [New CPT](#) | [Cancel](#)

**Project Updates - Data Cleaning**

[Click Here to Refresh \(1:20\)](#)

Refresh  203

Data Cleaning Notes:

OFFLINE, no personal use

Task 1

Data Cleaning Task

**TIME SPENT**

Total Data Cleaning Tasks Count  View details

Total Time Spent on Data Cleaning  View details

Filter Dates

Completed

Look for record for this task?

☐ Yes ☒ No

**Data Cleaning**  
**Consist**  
**Other**

## 7. APPROVAL PROCESS

[illegible]

## 10. FINAL PRODUCTS DEVELOPMENT

The screenshot displays the 'RSDT Project Tracking Dashboard' with a sidebar on the left and a main content area. The sidebar includes a 'Project Details' section with a 'Project Selection' dropdown set to 'Final Products Development'. The main content area shows a table with columns for 'Project ID', 'Project Name', and 'Status'. The first row is highlighted in green and shows 'Final Products Development' with a status of '200'. Below the table, there is a 'Test 1' section with a 'Test 1' button and a 'Test 1' label. To the right of the table, there is a 'Consult' section with a list of tasks: 'Manuscript Writing', 'Manuscript Review', 'Poster Writing', 'Poster Review', 'Abstract Writing', and 'Abstract Review'. The 'Consult' section also includes a 'Test 1' button and a 'Test 1' label.

## 11. DISSEMINATION OF RESULTS

### READ Paper Tracking Database

#### Displaying 0 Results

☒ Allowing use of Read ID: 234

Record ID: 234

POSTER

ORAL/PODCAST PRESENTATION

MANUSCRIPT

CITATIONS

Citations from ORCID formatted:

Candidate:

Please and Qualification Publications:  
 Author: A.D., Author: B.D., & Author: C.D. (Ch. 10th of presentation).  
 (Ch. 10th of presentation. From presentation of conference award). Ch. 10th.

Manuscript:

Author: A.D., Author: B.D., & Author: C.D. (Ch. 10th of presentation).  
 (Ch. 10th of presentation. From presentation of conference award). Ch. 10th.

