

# REDCap Advanced Topics

**University of Iowa**



**Institute for Clinical and  
Translational Science (ICTS)**

[https://www.icts.uiowa.edu/confluence  
/display/ICTSit/REDCap#REDCap-  
REDCapAdvancedTopicsTraining](https://www.icts.uiowa.edu/confluence/display/ICTSit/REDCap#REDCap-REDCapAdvancedTopicsTraining)





# REDCap Good Design

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[https://www.icts.uiowa.edu/confluence/download/attachments/53149797/REDCap\\_Good\\_Design.pdf](https://www.icts.uiowa.edu/confluence/download/attachments/53149797/REDCap_Good_Design.pdf)



# **Good Design Principles**

## **Why is good design important?**

### **1. More likely to obtain valid results.**

- A. Easier for participant to respond.**
- B. Less likely to cause confusion.**
- C. More likely for participant to finish study.**

### **2. Positive reflection on researcher.**

- A. More professional.**
- B. Builds participant confidence.**



# **Good Design Principles**

## **General project considerations.**

- 1. Many eyes make bugs shallow.**
- 2. What are you trying to accomplish?**
  - A. Is the question consistent with the purpose?**
  - B. Will I find out what I want to know?**
  - C. Can question be interpreted multiple ways?**
- 3. Consider a trial run before production.**



# Good Design Principles

**Use good form.**

- 1. Simple is better.**
- 2. Shorter is better.**
- 3. Divide and conquer.**
  - A. Organize into multiple instruments.**
  - B. Organize into multiple sections.**
- 4. Use technology sparingly.**



# **Good Design Principles**

**Good management considerations.**

- 1. Consider multiple segments.**
- 2. Consider a follow up.**
- 3. Group similar information into sections.**



# Good Design Principles

**Consider your audience.**

- 1. Be considerate of participants time.**
- 2. Consider an alternate perspective.**
  - A. How does the survey look through the eyes of the participant?**
  - B. Will the participant understand the questions?**
  - C. Do the questions use terms that would require a medical or technical background?**
  - D. Are you using abbreviations that would be unfamiliar?**
  - E. If you were a participant, how likely would you respond to your own survey?**



## Good Design Principles

**“When in  
doubt,  
throw it  
out.”**





# REDCap Newsletter

- **Monthly REDCap Newsletter**

- ☐ Upcoming Training
- ☐ Walk-in Hours Schedule
- ☐ Helpful Tips
- ☐ New REDCap Functionality
- ☐ Frequently Asked Questions (and answers)
- ☐ REDCap Best Practices



- **REDCap LISTSERV Subscription:**

- ❖ <https://list.uiowa.edu/scripts/wa.exe?SUBED1=REDCAP&A=1>



# REDCap Documentation

- Training within REDCap:

- FAQs (Help & FAQ Tab):



<https://redcap.icts.uiowa.edu/redcap/index.php?action=help>

- Video (Training Resources Tab):



<https://redcap.icts.uiowa.edu/redcap/index.php?action=training>

- Local REDCap documentation:



<https://icts.uiowa.edu/confluence/display/ICTSit/REDCap>

