

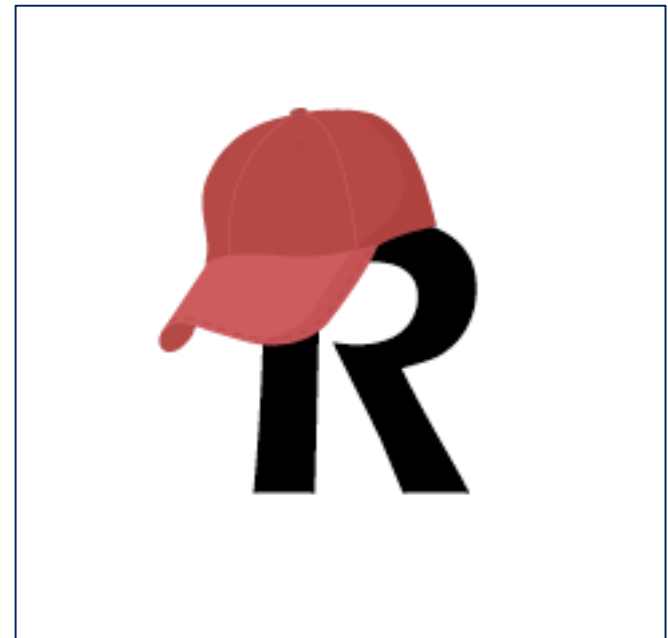
REDCap  
Mobile App (301)  
*February 23, 2018*



 **REDCap**  
Research Electronic Data Capture

# Learning objectives

- Uses
- Setup
- Management
- Syncing
- Best Practices



# ITHS' Focus

- Speeding science to clinical practice for the benefit of patients and communities.
- Promotes translation of scientific discovery by:
  - ❑ Fostering innovative research
  - ❑ Cultivating multi-disciplinary partnerships
  - ❑ Training the next generation of researchers
- More information: [www.iths.org](http://www.iths.org)

Laboratory

Clinic

Community



Medical Record Number \_\_\_\_\_

## AUTHORIZATION TO RELEASE PATIENT HEALTH INFORMATION

Patient Name: \_\_\_\_\_ Date of Birth: \_\_\_\_\_

I authorize Seattle Children's Hospital to release information to: \_\_\_\_\_ Attn: \_\_\_\_\_

Organization/Individual: \_\_\_\_\_ Zip: \_\_\_\_\_

Address: \_\_\_\_\_ State: \_\_\_\_\_ Fax #: \_\_\_\_\_

City: \_\_\_\_\_ Phone #: \_\_\_\_\_

Check this box to receive the information requested in an electronic format on Compact Disc (CD). Otherwise paper copies will be sent to the recipient. Electronic records (with the exception of Radiology Images) will be password protected. To have the password emailed to you please provide your email address. If no email address is provided the password will be mailed separately to the postal address above.

E-Mail Address: \_\_\_\_\_

### Information to be Released to Organization/Individual:

Requesting records: from \_\_\_\_\_ to \_\_\_\_\_

Discharge Summaries  Operative Reports  Radiology Reports  Drug/Alcohol Abuse Records

Lab/Pathology Reports  Clinic Notes  Radiology Images  Emergency Department Records

Other (please specify) \_\_\_\_\_  Other \_\_\_\_\_

There may be a charge for copying the patient record, see the reverse side.

### Purpose of Release:

Transfer to another provider \_\_\_\_\_

\_\_\_\_\_ (please specify) \_\_\_\_\_

\_\_\_\_\_  
but not limited to

**Why was the REDCap Mobile App developed?  
As an offline data collection tool for a study team**

# Mobile App setup

## Setup your project

- *Longitudinal or classic*
  - *Be careful with internet dependent features*
- 

## Request or generate an API token

- *Make sure you have the appropriate user rights*
  - *Takes 1 business day (Request) or is instantaneous (Generate)*
  - *API token can be reused*
- 

## Load the project into the app

- *Download the app onto a mobile device*
- *Setup an admin user*
- *Give camera permissions to the app*
- *Make sure the tablet is connected to the web*
- *Scan the QR code in the Mobile App menu*

# Mobile App Online Management

## Dashboard

- *Disable connected devices*
  - *Assign "nick names"*
  - *Overview of upload and downloads*
- 

## All App Activity

- *Overview of all the activity of all the connected devices*
- 

## Data dumps

- *Repository of emergency data dumps*
  - *Upload the data dump direct*
  - *Download CSV*
    - *In case of a manual merge*
- 

## App Logs

- *Repository of device specific log files*

# Running a Mobile App

## Refresh your data model

- *Get the latest version of the project*
  - *Optional download of existing records*
  - *Needed for successful sync later*
- 

## Data collection

- *Navigation takes a bit getting used to*
  - *No real search function*
  - *Collect data and save*
- 

## Syncing your data

- *Data models between app and web have to match*
- *Requires a stable internet connection*
  - *Can take a while when uploading files*
- *Do an emergency data dump in case of failure*

# Mobile App – Best Practices

- *Keep instruments small*
  - *Under 500 variables*
- *Use the same devices if possible*
  - *Makes for easier troubleshooting*
- *Recommended tablets:*
  - *iPads*
  - *Samsung tablets*
  - *Google nexus*
- *To be avoided tablets:*
  - *Kindle Fire*
  - *Older tablets with limited resources*
- *Establish a sync schedule and a "refresh" schedule*
  - *To prevent manual merge*
- *Be prepared for troubleshooting*
- *Disable/uncouple unused tablets to prevent change management delays*



# Thank You

# Questions?

# CONNECT WITH ITHS

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*Members can access a variety of workforce development and mentoring programs and apply for formal training programs.*

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## Funding

*Members can apply for local and national pilot grants and other funding opportunities. ITHS also offers letters of support for grant submissions.*

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## Collaboration

*Members can connect with collaborators across the CTSA consortium.*