$\overline{INTRODUCTION}$



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Objectives

What is REDCap?

How do I access REDCap?

Why would I use REDCap?

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$What\ is \ REDCap?$

REDCap is a secure, HIPAA compliant, webbased application that supports research data capture and management

REDCap was developed at Vanderbilt University and available to most institutions at no cost

REDCap is intended for data collection/management, not as a standalone data repository

REDCap stores projects as individual tables within a large database

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How do I access <u>REDC</u>ap?



Boston University Medical Campus BUMC IT - Medical Campus Educational Technology BU REDCap is available to the BU and BMC Research Community, including faculty, staff, researchers, and students

Accounts for external collaborators may be requested as well

Our REDCap has table-based authentication (i.e., local accounts are created in REDCap and NOT linked to your BU Kerberos)

You may request a REDCap account by submitting the end user agreement, https://redcap.bumc.bu.edu/surveys/?s=RYKEW4N4RX

Why would I use REDCap?

- Free to use
- HIPAA compliant
 - Audit trail
- Enforces restricted data access
- Remote data collection
- No extensive programming required
- Supported by IT
 - Including backups & security enhancements

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How can I use REDCap?

REDCap may be used for...

- Research (clinical and non-clinical)
 - E-Consenting
- Education & Training
- Quality Improvement Initiatives
- Operational Support (please inquire about restrictions)
- Examples...
 - COVID-19 symptom tracking and monitoring
 - HEALing Communities Study
 - Post training session feedback



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REDCap for 21 CFR Part 11

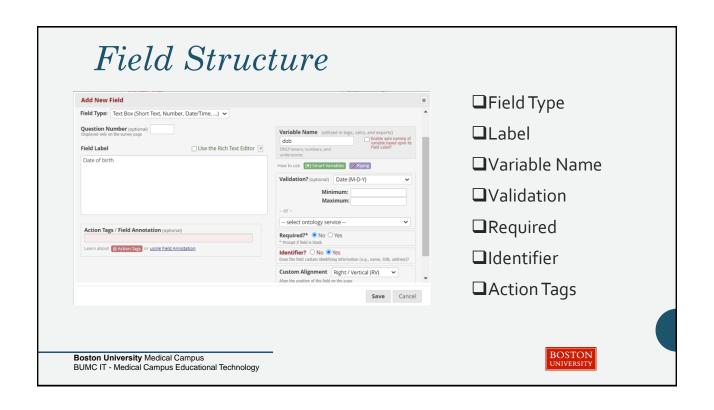
REDCap may be used for...

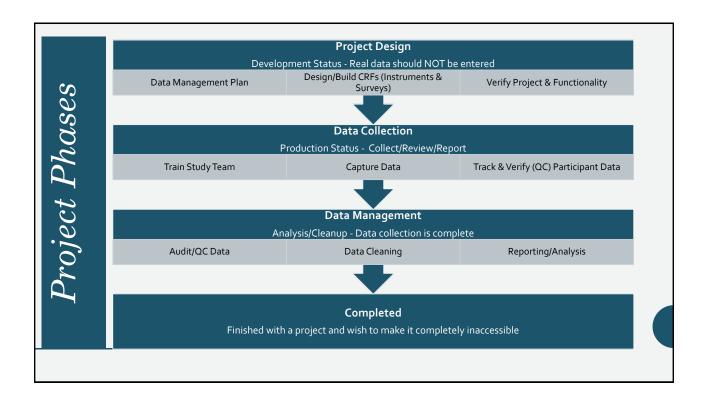
- If conducting a drug or device study and using REDCap for any data collection, including e-consent, compliance with <u>FDA</u> <u>21 CFR Part 11 requirements for electronic</u> <u>records and signatures</u> is required.
- Please visit
 https://www.bu.edu/researchsupport/forms-policies/redcap-research-electronic-data-capture-part-11-process-training/ to learn more.
- Please contact <u>rchelp@bu.edu</u> to schedule a consultation.

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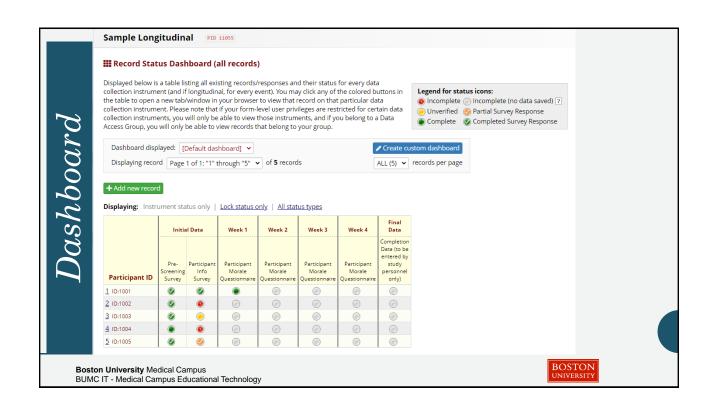
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Projec	ct Design (<u>Checklist</u>	
Main Settings	Optional Modules and Customizations	Applications	Administration & Data Collection
Classic or Longitudinal (Events)	Repeating Instances	Alerts & Notifications	User Rights
Surveys	Record Numbering	Multi-Language Management	Data Entry Forms
Instruments	Data Resolution Workflow	Mobile App	Survey Distribution Tools
Fields Types	Tracking Data Changes		Scheduling
Variable Names	Twilio		Reports
Conditional Logic	Randomization		
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Best Practices

- Meet with a statistician to review CRFs
- · Use field validation whenever possible
- Move your project into Production
- Do not change variable names or coded values for response options once you begin collecting real data
- Perform a data export prior to making changes in Production
- Manage User Rights

BUMC REDCap: https://redcap.bumc.bu.edu/ Help: rchelp@bu.edu

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