

Statistical Center for HIV/AIDS Research and Prevention

SCHARP

at FRED HUTCH



Welcome!

A few things to go over before we get started...



1



Medidata Rave Overview

- Medidata Rave and EDC
- User roles
- Query management
- PPD monitoring in Rave
- Resources



What is Medidata Rave?

Industry-leading electronic data capture (EDC) and management platform for the capture, management and reporting of clinical, operational and safety data.

-Hosted on-line with a web-based interface





Medidata Rave – What and Why?

 SCHARP has selected Medidata Solutions as our partner for EDC (Rave).

- Medidata Rave Features Include:
 - Sites can enter data straight from source document into Rave
 - •Sites can check and resolve errors, inconsistencies, missing data, etc., in real time at the point of site data entry
 - Communication, query guidance applied by DM to sites directly within Rave (rather than via email)
 - Audit trail captures all changes made to an eCRF within Rave



Why Electronic Data Capture (EDC)?

DATA ACCURACY

- Real-time data & consistency checks
- Legible entries
- Automatic calculations
- Better data management quality performance

ORGANIZATION

- User-friendly navigation
- Search and filter options
- Unified database
- Reports
- Greater visibility

EFFICIENT DATA MANAGEMENT

- Data entry at sites
- SDMC data entry process
- Real-time data access
- Unified database
- Less time managing queries

DATA SECURITY

- Data protected
- Data backed-up
- User and rolespecific permissions

REGULATORY COMPLIANCE

- Validated system
- Data integrity
- 21 CFR Part 11 (Electronic Records, Electronic Signatures)
- Electronic source data verification (monitors)
- CDISC standards
- Submission-ready data



Medidata User Roles

There are 2 types of Rave site user roles:

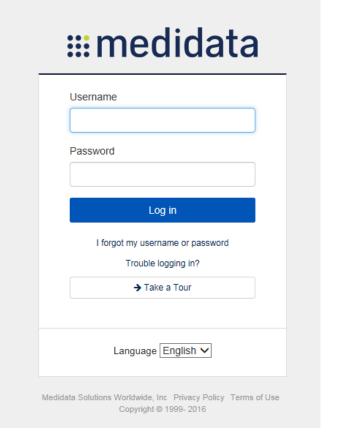
Clinical Research Coordinator	Principal Investigator	
Add participants into Rave	Responsible for the overall conduct of a study	
Enter data		
Log adverse events and unscheduled visits		
	Review and sign eCRFs	
Edit saved data	Respond to queries	
 Answer queries 	Enter or edit subject data	

 User roles are based on user function within Rave. They do not necessarily correspond to a CRS role.

Rave Navigation

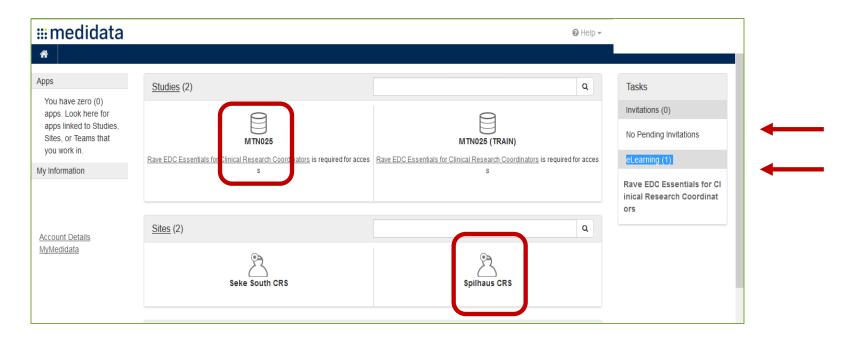
To access Rave, first log into the iMedidata Portal

iMedidata portal will
 provide access to all types of
 studies implemented at a
 site for which you have access
 (e.g., HVTN, MTN, HPTN)





Rave Navigation



- Once in the iMedidata Portal, select the study that you wish to access.
- Required e-Learnings database invitations are located on the right side under the "Task" pane.



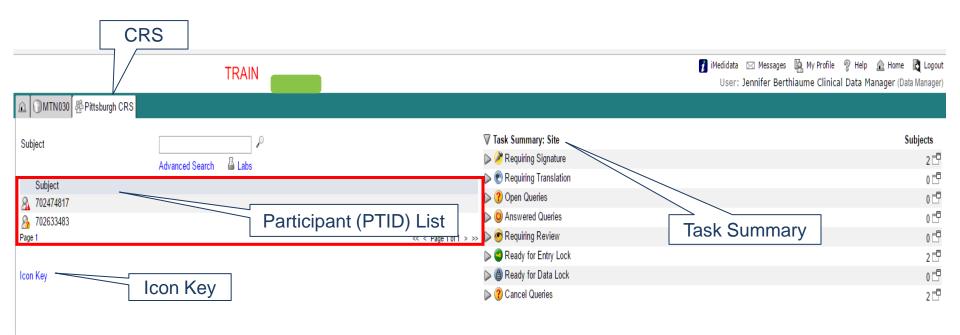
Rave Navigation

Once MTN-030 is selected, you will be prompted to select your Role (Investigator or CRC) before your home page displays.

SCHARP FRED HUTCH	
	Role Selection
	Please select a role from the list below.
	Clinical Research Coordinator ∨
	Continue

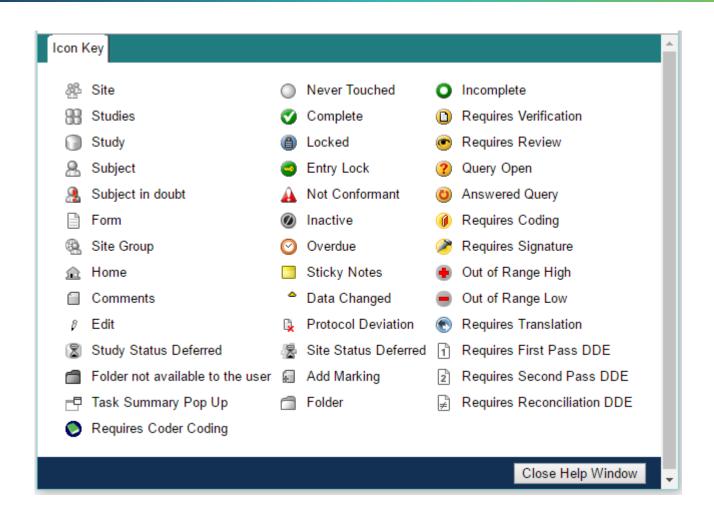


Rave Navigation: Site Home Page



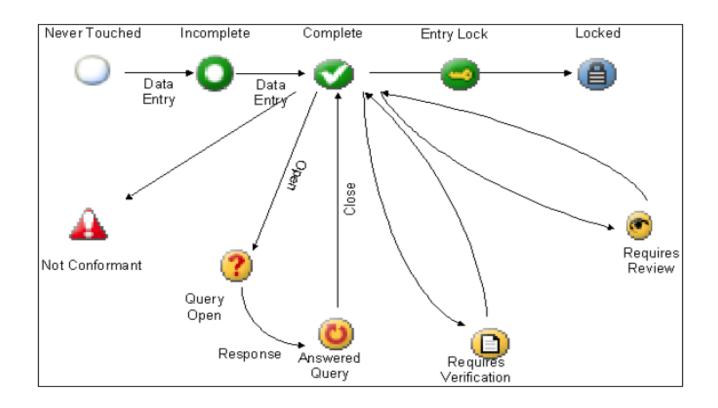


Icon Key





Icon Progressions



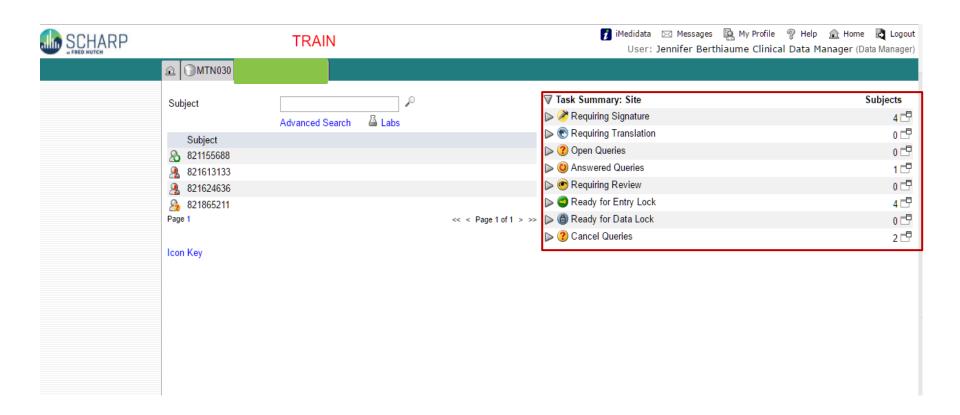


Task Summary

- Shows any pending tasks associated with the study based on user role
- Pending tasks are items needing prompt attention:
 - Requiring signatures
 - Non-conformant data
 - Open queries
 - Overdue data
- Site and Participant level



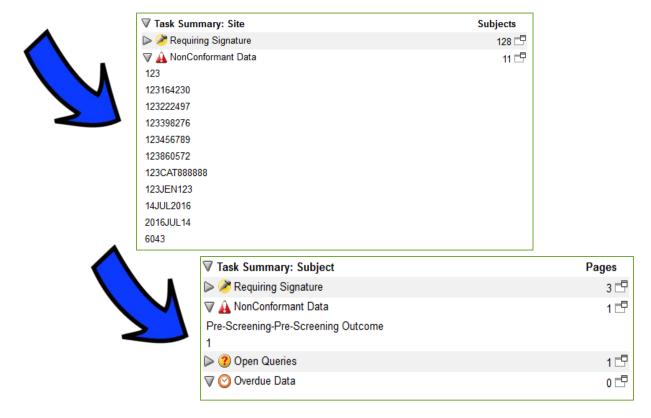
Task Summary: Site Level





Task Summary: Site to Participant Level



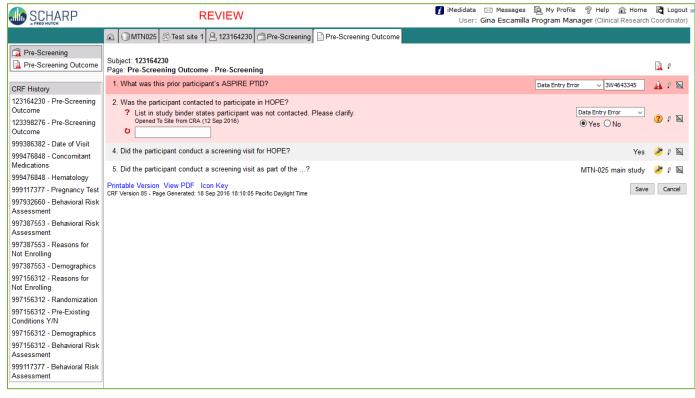




Task Summary: Site to Participant Level

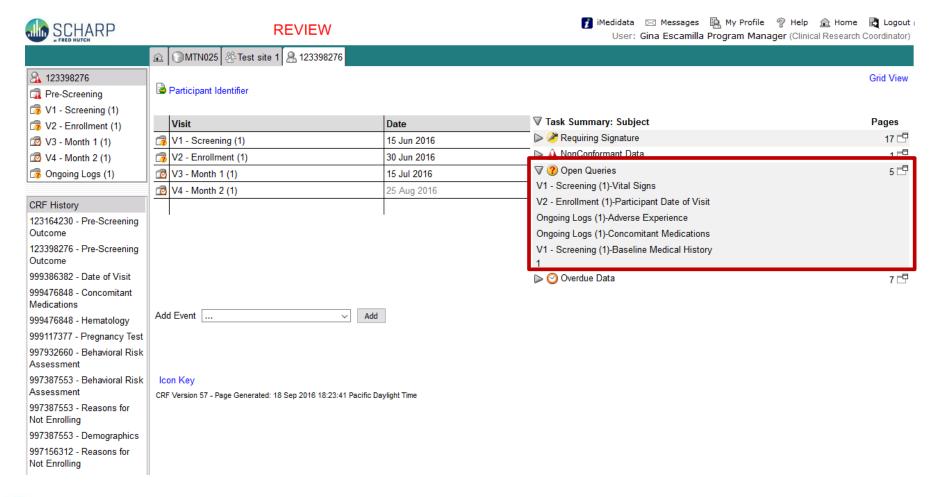






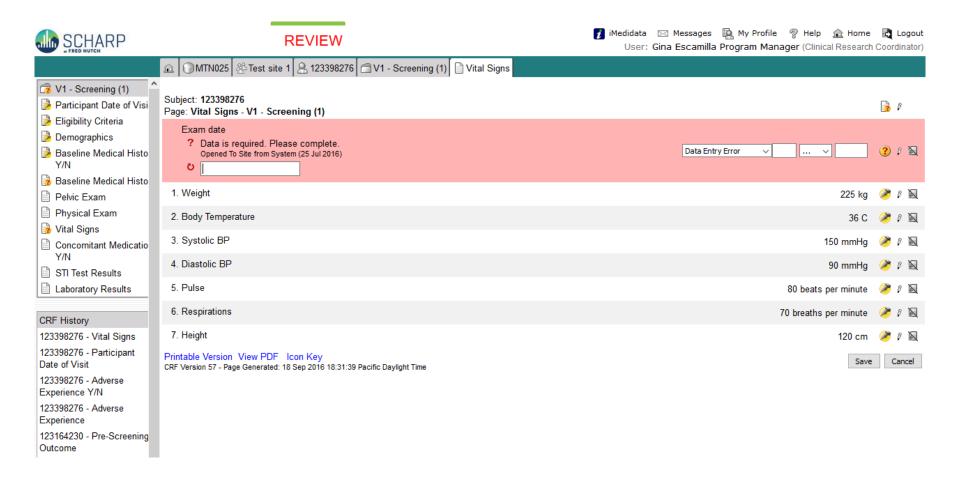


Task Summary: Participant Level





Task Summary: Participant Level





Query Management within Rave

Data, clinical, and coding queries are applied, reviewed, answered, and resolved within the Rave database.

There are two main types of queries applied to eCRFs within Rave:

System Queries

 Automatically generated and placed in real time by Rave EDC when a page is saved with data that is missing (left blank) or when a data point does not conform to a pre-specified edit check.

Manual Queries

 Opened by a SCHARP Data Manager, Clinical Coder, or PPD Monitor upon manual review of the data for clarification on or correction to a specific item.

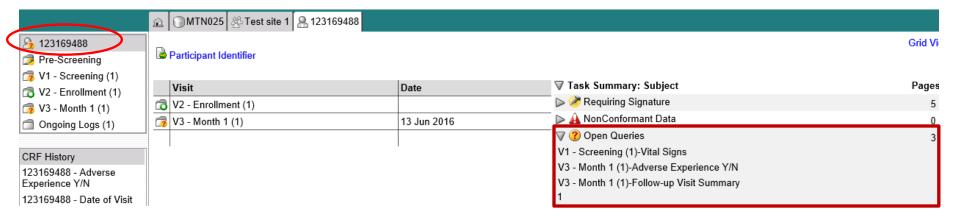


Query Management within Rave

Use the Task Summary to identify open queries for all participants at your site or for a given participant.

Participants, forms and fields with outstanding queries applied will be designated with the "Query Open" icon - (?)

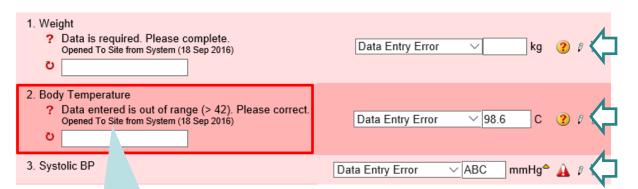






Resolving Rave System Queries

Examples of System Queries:



Missing Data Query

Edit check Query

Non-Conformant Query

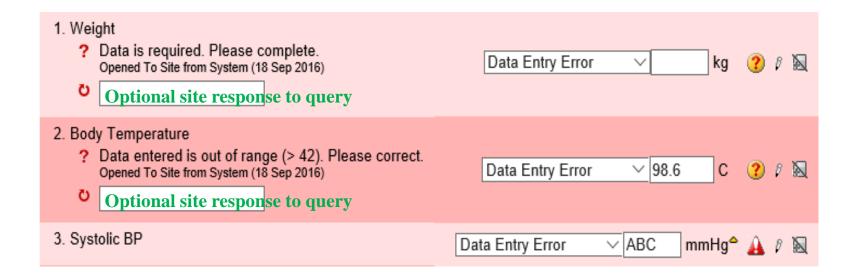
Query Text



Once the data field is corrected and the page is saved, a delta symbol will appear above the item that has been update, the line is no longer pink and the query icon goes away.



Resolving Rave System Queries



NOTE: An **OPTIONAL** text field is provided beneath the system query text to document clarifying information regarding the data point or to request additional guidance from SCHARP on query resolution.



Resolving Rave Manual Queries

Example of a Manual Query:

Subject: 123169488 Page: Adverse Experience Y/N - V3 - Month 1 (1) Has the participant experienced any new adverse events or are there any updates to previously reported AEs? If 'Yes', complete or update the Adverse Experience log. Data Entry Error ? This item indicates that an AE was reported at this visit, however, no AE Yes \(\cap \) No log form has been completed for this participant. Please review this item and update as applicable. Opened To Site from DM (18 Sep 2016) Subject: 123169488 Page: Adverse Experience Y/N - V3 - Month 1 (1) Has the participant experienced any new adverse events or are there any updates to previously reported AEs? If 'Yes', complete or update the Adverse Experience log. ? This item indicates that an AE was reported at this visit, however, no AE log form has been completed for this participant. Please review this item and update as applicable. Opened To Site from DM (18 Sep 2016) A corresponding AE log page has been completed for this participant.



Field Audit Trail

- All changes that have made to a specific item on an eCRF can be viewed via the audit trail
- To access an item's audit trail, navigate to the completed form and click the data status icon.
- Audit trail within Rave will show each user who enters data, responds to queries, etc.

Data Point - Has the participant experienced any new adverse events or are there any updates to previous update the Adverse Experience log.				
Parent: Record - Adverse Experience Y/N				
Siblings:				
Data Point - Has the participant experienced any new adverse events or are there any updates to previously reported AEs? If "Y				
Audit	User	Time		
Query 'This item indicates that an AE was reported at this visit, nowever, no AE log form has been completed for this participant. Please review this item and update as applicable. ' answered with 'A corresponding AE log page has been completed for this participant.' (Site from DM).	Jennifer Berthiaume (28 - jberthia@scharp.org2)	18 Sep 2016 19:00:41		
User opened query 'This item indicates that an AE was reported at this visit, however, no AE log form has been completed for this participant. Please review this item and update as applicable. ' (Site from DM).	Jennifer Berthiaume (29 - jberthia@scharp.org3)	18 Sep 2016 18:32:20		
Jser entered 'Yes (Y)'	Jennifer Berthiaume (28 - jberthia@scharp.org2)	18 Sep 2016 18:30:58		



SCHARP Data Reviews

SCHARP Data Managers:

- Review protocol endpoint data
- Review and resolve answered queries
- Place, review, and resolve manual queries based on ongoing data review

SCHARP CSA:

- Reviews clinical CRFs such as AE log CRFs on an ongoing basis
- Places, reviews, and resolves manual queries based on ongoing clinical data review



PPD Monitoring - Source Data Verification (SDV)

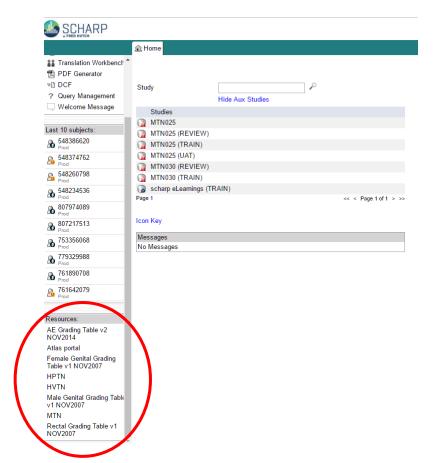
- DAIDS, SCHARP, & PPD review Study Monitoring Plan to determine on which CRFs and fields to place SDV boxes within Rave.
- During site monitoring visits, PPD monitors use the Task Summary on the Rave homepage to identify forms required for review.
- PPD monitors use SDV boxes to document their reviews within the study database.
- PPD monitors can place manual queries for the site to review and address



Resources Within Rave

Resource Pane: bottom left-side of home screen

- Displays a list of internet links that are standard across HVTN, HPTN, and MTN studies.
 - AE Grading Table v2
 - SCHARP Atlas portal
 - Female Genital Grading Table v1
 - HPTN website
 - HVTN website
 - Male Genital Grading Table v1
 - MTN website
 - Rectal Grading Table v1





Resources Within Rave

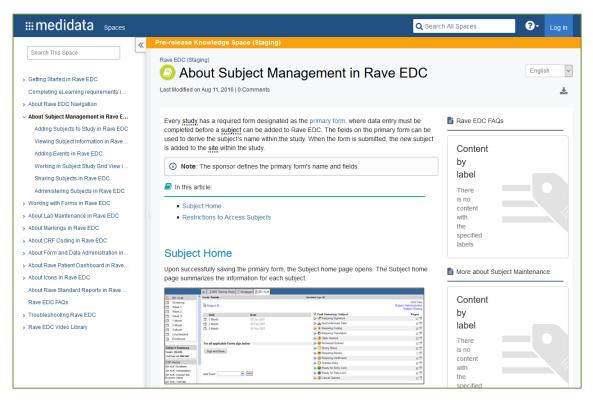
iMedidata Portal: Help menu on upper right corner provides access to these functions:

- Help On This Page Click to open Online Help for the current application page in a new tab.
- Knowledge Space Home Click to open the top level Help page in a new tab.
- Show Me Videos Click to open a new tab where you can view a short instructional video about iMedidata.
- Help center Click to open a page that allows you to view documentation and helpful tips as well as to report a problem



Resources: Within Rave

Once within a study, you can click on the "Help" button on any page to access information relevant to that page.





THANK YOU







Logistics

- The following exercises are intended for site staff who will be entering data and resolving queries within Rave
- If you do not have CRC access or have a user account but wish to observe, you are welcome to join your site colleagues
- Don't forget to save data!
- SCHARP staff are available to assist as needed!
 Ask us questions during the exercises!
- This is for training purposes only!



WELCOME TO THE BETHESDA NORTH MARRIOTT

YOUR WIRELESS

NETWORK NAME IS:

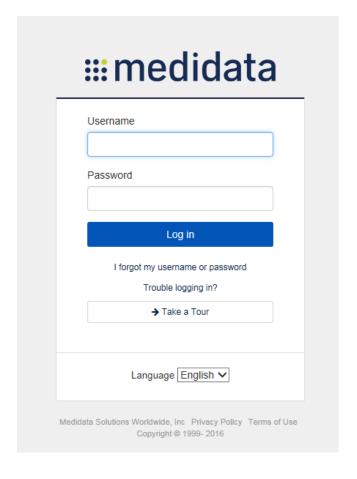
MARRIOTT_CONFERENCE



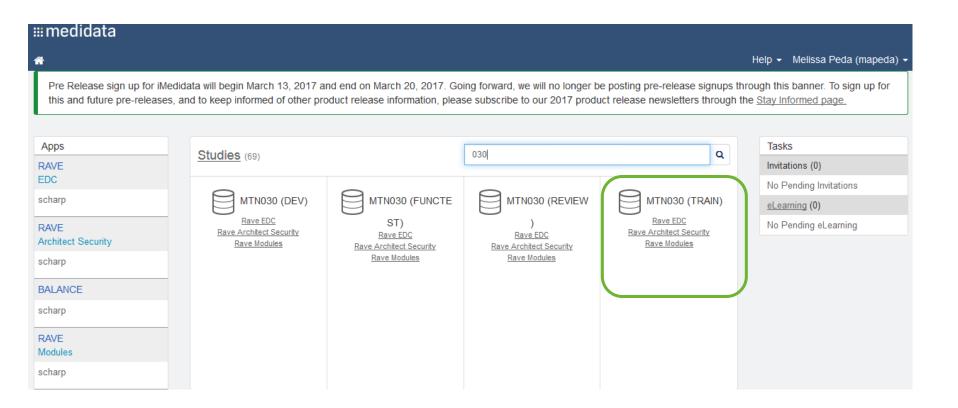


Log in to your iMedidata Account

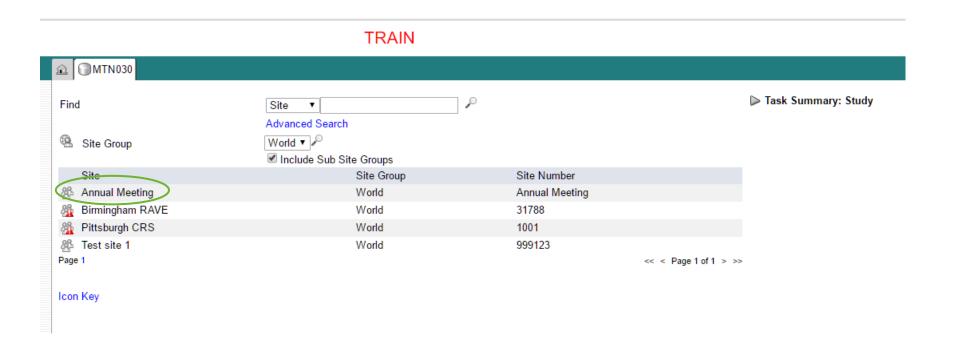
Log in to iMedidata Portal (<u>www.imedidata.com</u>)



Access the MTN-030 TRAIN Study



Select applicable site within the TRAIN



Exercise #1: PTID Generation

Objective: Generate one PTID

- 1. Generate a PTID (hint: there are two steps)
- 2. Record PTID on a piece of paper

Exercise #1: PTID Generation

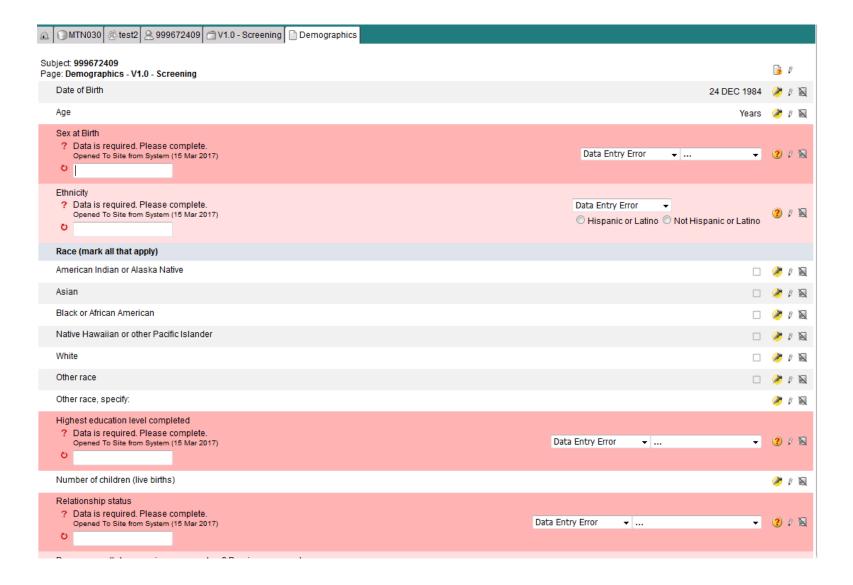
- Add subject
- Click "Save" on Participant Identifier page



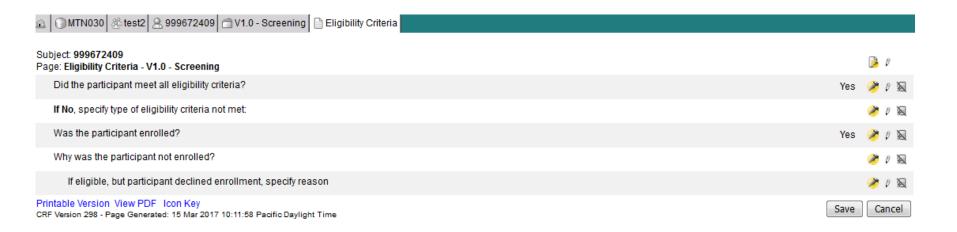
Objectives:

To become familiar with...

- Randomization
- Form and folder dynamics
- System queries viewing and resolving
- Use the PTID generated in Exercise #1
- Navigate to the V1.0 Screening folder
 - Navigate to the Demographics eCRF
 - Enter the Date of Birth ONLY and SAVE the form
 - System queries will trigger we will come back and resolve these!



- Navigate to the Eligibility Criteria eCRF within the V1.0 – Screening folder
 - Did the participant meet all eligibility criteria...?" Yes
 - "If No, specify type of eligibility criteria not met: Leave blank
 - "Was the participant enrolled? Yes
 - "Why was the participant not enrolled? Leave blank



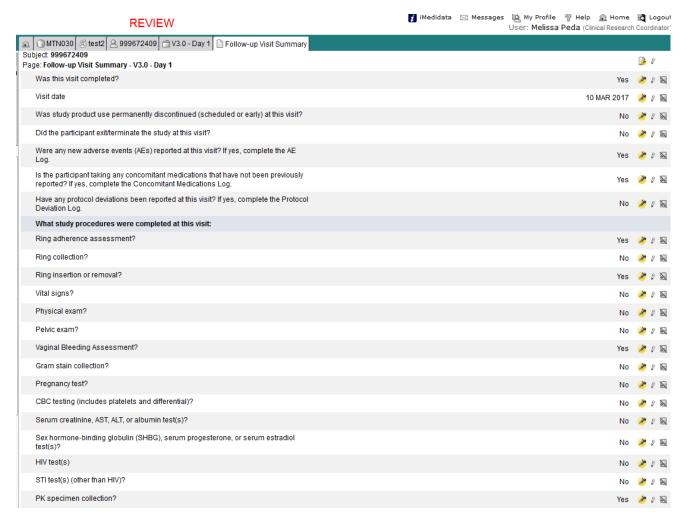
- Navigate to the V2.0 Enrollment folder
- Navigate to the Randomization eCRF

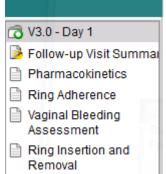
- Is the participant ready to be randomized? Yes
- Ignore system query (Balance will be linked to Rave module and Randomization Date and Time will automatically populate in live study database)

Exercise #3: Enrolled participant – Follow-up

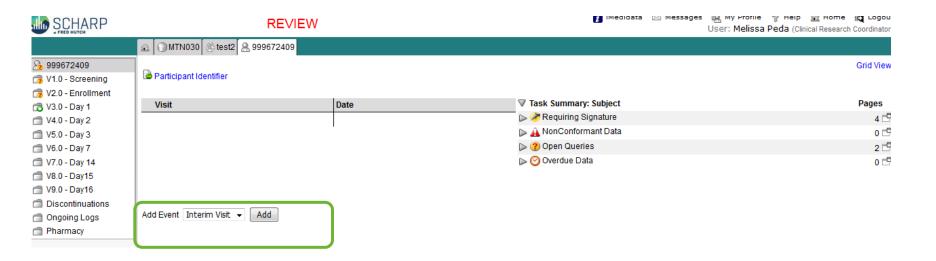
- Navigate to the V3.0 Day 1 Folder
- Complete the Follow-up Visit Summary eCRF
 - Was this visit completed? Yes
 - Visit Date 10 MAR 2017
 - Was study product use permanently discontinued? No
 - Did the participant exit/terminate the study? No
 - Were any new AE reported at this visit? No
 - Is the participant taking any con meds...? No
 - Have any protocol deviations been reported...? No
 - What study procedures were completed at this visit:
 - Select 'Yes' for the following:
 - Ring Adherence Assessment
 - Ring Insertion or Removal
 - Vaginal Bleeding Assessment
 - PK Specimen collection?
 - Select 'No' for remaining forms

Exercise #3: Enrolled participant – Follow-up

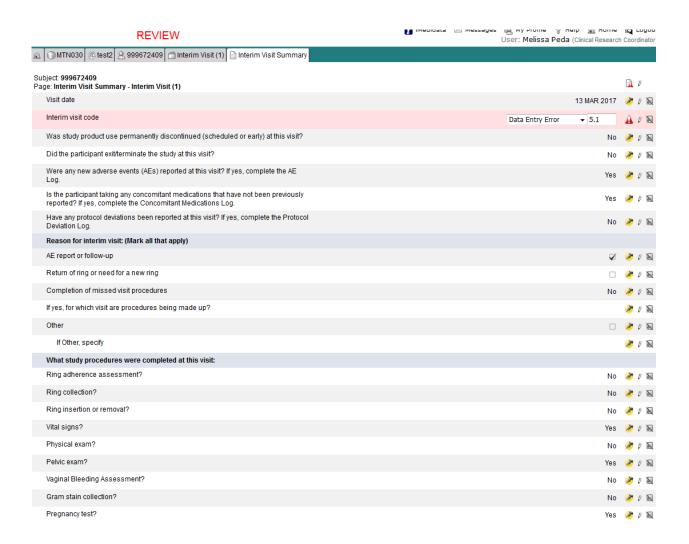




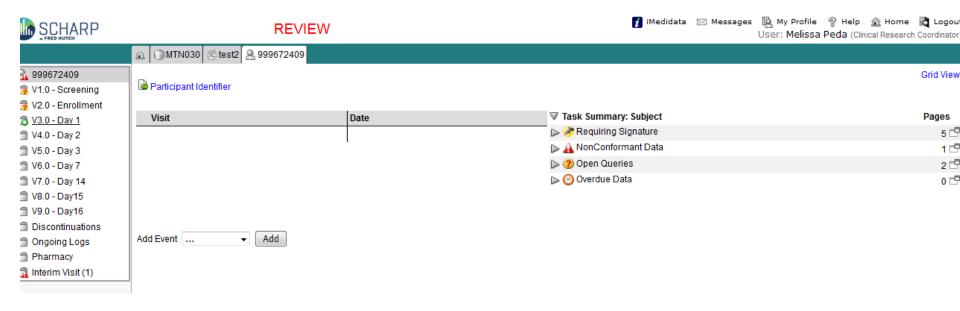
- Navigate back to the participant's homepage
- How do we add an interim visit?



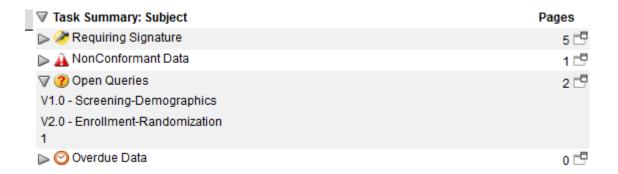
- Navigate to Interim Visit folder
- Complete Interim Visit Summary eCRF
 - Visit Date 13 MAR 2017
 - Interim visit code: 5.1
 - Was study product use permanently discontinued? No
 - Did the participant exit/terminate the study? No
 - Were any new AE reported at this visit? Yes
 - Is the participant taking any con meds...? Yes
 - Have any protocol deviations been reported...? No
 - Reason for interim visit:
 - Check 'AE report or follow-up'
 - Leave 'return of ring or need for new ring' and 'other' blank
 - Completion of missed visit procedures leave blank
 - Select 'Yes' for the following study procedures completed:
 - Vital Signs, Pelvic Exam, Pregnancy Test
 - Select 'No' for remaining forms



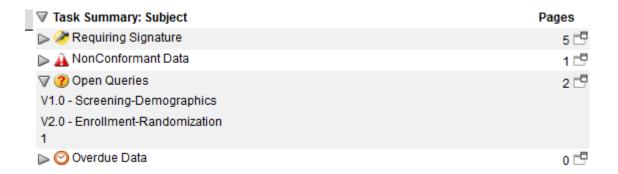
 Navigate to Task Summary on your Participant's homepage



- Navigate to Open queries
- Click on V1.0 Screening- Demographics

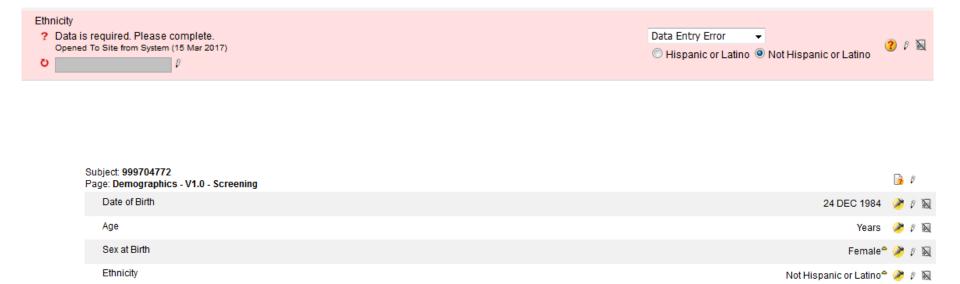


- Navigate to Open queries
- Click on V1.0 Screening- Demographics



- Resolve system queries that triggered on following fields
 - Enter test data
 - Sex at Birth
 - Ethnicity
 - Highest education level completed
 - Relationship status
 - Do you currently have a primary sex partner?

Do not need to provide a response for updating system queries (Only if data will not conform to expectations)



- Let's update a field
- What icon would you click to edit a field? (e.g. data entry error)

 Click the pencil icon for 'relationship status' and change response and resave the form

Relationship status

? Data is required. Please complete. Opened To Site from System (15 Mar 2017)

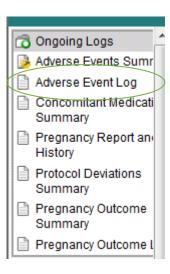
Updated



Objectives:

- Learn how to update records in the Ongoing Logs folder
- Practice entry of AE

- Navigate to the Ongoing Logs folder
- Adverse Events Summary: Yes
- Navigate to the Adverse Event Log eCRF



Complete Adverse Event eCRF

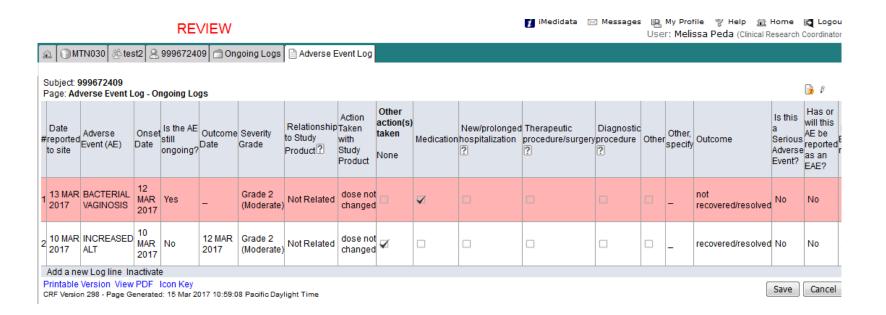
- Date reported to site = 13 Mar 2017
- Fill in description for AE
- Onset date = 12 MAR 2017
- Is the AE still ongoing? Yes
- Outcome Date Leave blank
- Severity Grade = Grade 1
- Relationship to study product = Not related
- Action taken with Study Product = Dose not changed
- Other action(s) taken Check Medication (leave other items blank)
- Outcome = Not recovered/resolved
- Is this a SAE = No
- Has/will this AE be reported as an EAE = No
- Was this AE a worsening of baseline medical condition = No
- Comments = Not related to study product

- Let's add another AE
- Navigate to Adverse Event Log
- How do we add another AE?

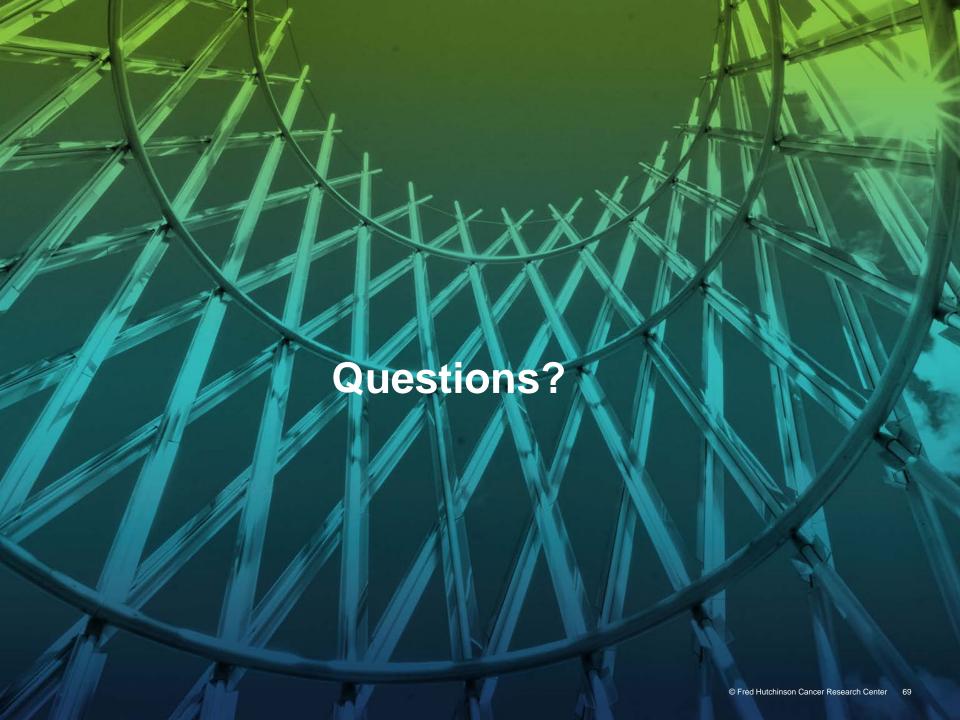


 Enter test date on Adverse Event Log eCRF and Save form

- After log line 2 has been entered and saved, notice the Landscape view
- Let's inactivate a log line



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•	999672409 dverse Event L	Log - O	ngoing L	ogs																
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13 MAR 2017	R BACTERIAL VAGINOSIS	12 MAR 2017	Yes	-	Grade 2 (Modera			dose not changed	 ✓			0		0	-	not recovered/res	olved	No	No _	
10 MAR 2017	R INCREASED ALT	10 MAR 2017	No	12 MAR 2017	Grade 2 (Modera		elated d	dose not changed							-	recovered/res	olved	No	No _	
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		2	10 MAR 2017	INCREASE ALT	D 10 MAR 2017		12 MAR 2017	Grade 2 (Moderate	Not Related	dose no changed	✓							-	recovered/resolved	oN t



THANK YOU

