

Technical Update to Clinical Trials REST Services

Focus

- Ability to exclude CT studies with certain status codes from the display.
 - Ability to exclude ERMS studies with certain status codes from the display.
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Features Added

- Updated CT database to include:
 - STUDY_STATUS_FILTER table. This table allows the user to selectively choose which study status codes will be filtered from view for both ERMS and CT.
 - INIT/UPDATE Stored procedures to initialize and maintain data in the STUDY_STATUS_FILTER table.
- New RESTful services have been added to:
 - List all services and parameters for those services supported by CT Web. This is to facilitate ease of use and testing of the CT REST services.
 - List the current display permissions for all status codes on either ERMS or [CT.gov](#). This service provides a list of all status codes per system (ERMS or CT) and their associated display setting.
 - Change individual display status codes in the STUDY_STATUS_FILTER table. This allows the user to change which status codes can be displayed, and facilitates testing of this update.

Reference

Supported Services

Search for Trials by Criteria or Status

/api/trials/search (criteria, status)

Search for trials based on criteria and/or status, where criteria may be one or more of:

- NCT_ID
- BRIEF_SUMMARY
- BRIEF_TITLE
- CONDITION
- DEPT_DIV
- DEPT_DIV_ID
- ERMS_STUDY_ID
- PRIMARY_CATEGORY
- SECONDARY_CATEGORY
- STUDY_STATUS
- TERM

Query Specific Trials

/api/trials/query (callback, nctId, category, condition, status)

- NCT_ID
- PRIMARY_CATEGORY -or- SECONDARY_CATEGORY
- CONDITION
- STUDY_STATUS

Get Total Trials by Status

/api/trials/total (status)

- STUDY_STATUS

List Trial Categories

/api/trials/categories

Get Trial Detail

/api/trials/detail (nctId, studyId)

- NCT_ID
- STUDY_ID

View Service Alive Page

/api/trials/test

List Status Display Flags

/api/trials/statusfilters

Change Status Display Flag (This service requires HTTP PUT)

/api/trials/editStatusFilter

- In order to set/change status filter values, a browser add-on such as RESTClient can be used to issue the HTTP PUT requests to this service necessary to update database values.
- Added new RESTful service (/api/trials/help) which lists the available services at the base CT url and their parameters. This should help facilitate use of the services and testing.

Initial Study Status Display Values

"STATUS_SYSTEM"	"STATUS_CODE"	"STATUS_DISPLAY"
"CT"	"Active, not recruiting"	"Y"
"CT"	"Available"	"Y"
"CT"	"Completed"	"N"
"CT"	"Enrolling by invitation"	"Y"
"CT"	"Not yet recruiting"	"Y"
"CT"	"Recruiting"	"Y"
"CT"	"Suspended"	"N"
"CT"	"Terminated"	"N"
"CT"	"Withheld"	"N"
"ERMS"	"Active"	"Y"
"ERMS"	"Billing Completed"	"Y"
"ERMS"	"Completed"	"N"
"ERMS"	"Enrolling by Invitation"	"Y"
"ERMS"	"Enrollment Closed"	"Y"
"ERMS"	"In Development"	"Y"
"ERMS"	"Inactive"	"N"
"ERMS"	"Long-Term Follow-up"	"Y"
"ERMS"	"Not Funded"	"Y"
"ERMS"	"Pending"	"Y"

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"ERMS"

"Prematurely Terminated" "N"

"ERMS"

"Withdrawn"

"N"