

# Population Tracking API IDR Meeting

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**Date:** October 10, 2001  
**Time:** 1:00-2:30 pm  
**Location:** Logicon, 1700 Research Blvd., Room 4005  
**Facilitator:** Mike Goodman  
**Presenter:** Maria Koshy

## Action Item

Update IDR document and redistribute with accompanying meeting minutes.

## IDR Minutes

### 1. (General) API Procedures/Functions

Change the `protocol_studies_proc` and `appl_protocols_proc` into functions so that the primary key values can be returned to the caller.

### 2. (General) Parameter Lists, sections 6.x.1

Indicate size/length in addition to data type.

### 3. (General) Business Rules, sections 6.x.2

When coding is completed, either update this document or supply detailed testing notes to indicate the specific exception number assigned to each business rule violation.

### 4. 6.1.1. Parameter List (`protocol_studies_proc`)

Parameter descriptions for `Clinical_trial_phase_code_p` and `Phase_3_code_p` are identical. Update the appropriate description based on POP Tracking CDR document to make a distinction between the two parameters.

### 5. 6.1.2 Business Rules (`protocol_studies_proc`)

Add a new rule to enforce that the `Phs_org_code_p` is a "parent-level" code. For example, CA and CO are both valid NCI codes, but only CA is a "parent-level" code. Only a parent organization can be identified as the administering IC on a protocol. The "parent org" relationship is enforced/maintained in the reference table `Phs_orgs_t`.

### 6. 6.1.3 Usage Notes (`protocol_studies_proc`)

Add a new note indicating that a protocol cannot be deleted if it is currently associated to a grant application. This will be enforced by the Data Model constraints defined between the `Appl_protocols_t` table and the `Protocol_studies_t` table. A similar note should be attached to `appl_protocols_proc`, to indicate that an `appl_protocol` cannot be deleted when it has subject counts associated with it.

### 7. 6.2.1 Parameter List (`appl_protocols_proc`)

`Interim_final_code_p`, `enrollment_approval_code_p` and `target_approval_code_p` should be identified as *optional* instead of mandatory. There was some discussion about indicating what the database default value is for the underlying table/column, but it was decided not to include this level of detail in the API specification. This information is available in the POP Tracking CDR documentation ("Data Model" section). Also, `Performance_period_fy_p` and `report_submitted_fy_p` should both be removed because both are calculated values that cannot be inserted or updated by the user.

**8. 6.2.2 Business Rules (appl\_protocols\_proc)**

Rule #1 will be removed as it is report specific and does not apply to the API usage. In addition, add a new rule to enforce that Justification\_text\_p is Mandatory for INSERTS, UPDATES or DELETES that occur after the final report for the fiscal year of performance has been generated by the Office of Research on Women's Health (ORWH).

**9. 6.3.1 Parameter List (subject\_count\_proc)**

Add a note for the parameter Subject\_count\_num\_p to indicate that this parameter is required for INSERTS and UPDATES. In addition, add a new optional parameter Justification\_text\_p that will be required under certain circumstances (see new business rule below). Remove the race\_sub\_type\_code from the parameter list since it has the default value. This way the external and internal API will have the same parameter list.

**10. 6.3.2 Business Rules (subject\_count\_proc)**

Add a new rule to enforce that Justification\_text\_p is required for INSERTS, UPDATES or DELETES that occur after the final report for the fiscal year of performance has been generated by the Office of Research on Women's Health (ORWH).

**Attendees**

Dutcher, Sylvia, Mitretek  
Fadely, Vickie, OD  
Fanning, Larry, OD  
Fostek, Laura, Logicon  
Goodman, Mike, Logicon  
Khatri, Swati, Logicon  
Knyazeva, Irina, Logicon  
Koshy, Maria, OD

Kudasheva, Irina, Z-Tech  
Martin, Michael, Oracle  
Zucker, Sherry, OD  
Randall, Carl, Mitretek