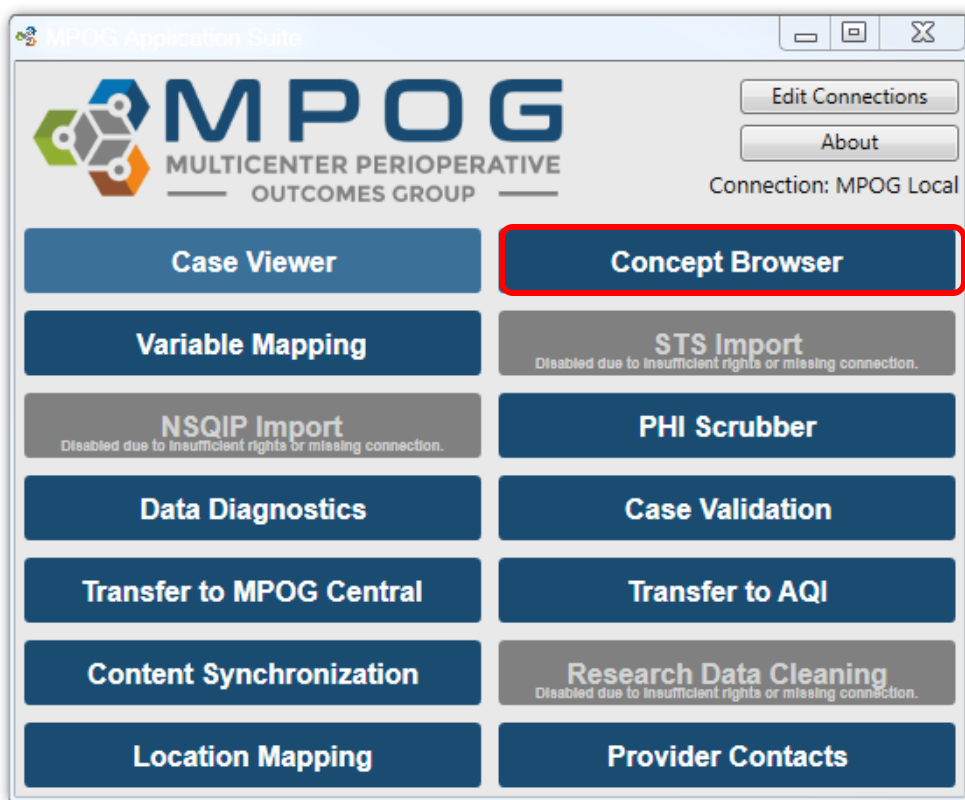


Chapter 2: Concept Browser

MPOG Concept Browser Overview

The 'Concept Browser' utility allows you to search the dictionary of MPOG concepts to identify an appropriate MPOG concept for mapping purposes. This allows data matching from a source (your institutional AIMS variable) to a target (MPOG Concept ID). For more information on variable mapping, please refer to Chapter 3 of this training manual.

1. Access Concept Browser in the MPOG Suite:



2. The MPOG Application Suite will open to the ‘Concept Browser’ webpage, where you can select specific search criteria.

Please select a concept type and query string

Concept type [All concept types]

Query string e.g. id:concept ID# or any text

Count Mode Concept occurrences

Hide inactive concepts

Submit

3. To search the dictionary of all MPOG concepts, use the ‘Query String’ field and maintain default settings in all other fields (i.e. concept type and count mode).

- a. Type in the source term (AIMS variable) to find the correlating MPOG Concept (i.e. interscalene, epidural, intubation). Click ‘Submit.’ A list of potential MPOG Concepts will display.
 - i. Each MPOG Concept ID includes:
 1. Concept ID Number: The MPOG Concept ID number associated with each particular concept.
 2. Concept Name: Names associated with the concept (including ICD-9 & ICD-10 Codes)
 3. Concept Type: Indicates the location details associated with the concept (i.e. Access Location, Intraoperative Events, Interventions, and Observations).
 4. Concept Mode: Displays the number of concept occurrences, number of unique patients, or number of unique cases associated with each MPOG Concept ID depending on the count mode selected in the last search field.

4. Based on your source concept (AIMS variable) search criteria, scan the results for the most appropriate MPOG concept for mapping purposes.

5. You can utilize the ‘Query String’ field to identify a desired MPOG concept: Type the name associated with the MPOG concept you are attempting to identify. For example, you may want to find an MPOG concept ID for an interscalene block. Simply type ‘interscalene’ into the query string field as shown below.

Please select a concept type and query string

Concept type [All concept types]

Query string **interscalene**

Count Mode Concept occurrences

Hide inactive concepts

Submit

ID	Concept Name	Concept Type	# of Occurrences
50384	Regional - Interscalene Block	Intraoperative Events, Interventions, and Observations	21,940
50034	Neuraxial - Vertebral interspace final (Unspecified)	Intraoperative Events, Interventions, and Observations	1,185
50147	Neuraxial - Spinal vertebral interspace final	Intraoperative Events, Interventions, and Observations	159,863
50155	Epidural vertebral interspace final	Intraoperative Events, Interventions, and Observations	278,557
100011	Internal Jugular	Access Location	225,187

6. You may also use the 'Concept type' search field in addition to the 'Query string' when searching for a matching MPOG concept. For example, you may want to find an intraoperative fluid such as dextrose or a dextrose mixture. To search all available intraoperative MPOG fluid concepts:

- a. Select an MPOG concept type from the dropdown menu. For the example below, 'Intraoperative Fluids In (Excluding Blood Products)' was selected.

Please select a concept type and query string

Concept type	[All concept types]
Query string	<input type="text"/>
Count Mode	<input type="text"/>
<input checked="" type="checkbox"/> Hide inactive	
<input type="button" value="Submit"/>	

- [All concept types]
- Access Location
- Access Side
- Access Size
- Access Type
- Administrative Admission Type
- Charge capture
- Extraction Preferences
- Intraoperative Blood Products In
- Intraoperative Fluids In (Excluding Blood Products)**
- Intraoperative Medications (Administered Mixtures)
- Intraoperative Outputs
- Laboratory or Testing Observations
- Laboratory Testing Abnormal Flags
- Outcome Observations
- PHI Dictionary Type - Do NOT Remove
- PHI Dictionary Type - Do Remove
- Physiologic Observations
- Preoperative Observations

- b. Next, type 'dextrose' into the query string and select 'submit.'
- c. A group of intraoperative fluids will display in the menu below.

Please select a concept type and query string—

Concept type: Intraoperative Fluids In (Excluding Blood Products) ▾

Query string:

Count Mode:

Hide inactive concepts

ID	Concept Name	Concept Type	# of Occurrences
10260	DEXTROSE / SODIUM ACETATE 10% / 19.25MEQ	Intraoperative Fluids In (Excluding Blood Products)	0
10460	DEXTROSE / WATER 5%	Intraoperative Fluids In (Excluding Blood Products)	45,229
10461	DEXTROSE / LACTATED RINGERS 5%	Intraoperative Fluids In (Excluding Blood Products)	73,228
10462	DEXTROSE / WATER 10%	Intraoperative Fluids In (Excluding Blood Products)	20,679

7. Once you have identified an appropriate MPOG Concept to match the AIMS variable, you can utilize the MPOG Concept ID for mapping purposes. Logging into the MPOG website will also allow you to view other institutions that have used the concepts available in Concept Browser. This is helpful for research purposes to know which institutions are using a given concept. To obtain an MPOG website username and password, please contact the Coordinating Center.