



Getting Started: Concept Browser



Concept Browser- App Suite

- Contains a comprehensive list of all available MPOG Concepts.
- Allows you to search the dictionary of MPOG concepts to identify an appropriate MPOG concept for mapping purposes.
- For more information on variable mapping, please refer to Module: Getting Started - Variable Mapping.

Access Concept Browser in the MPOG Suite



Concept Browser- Webpage

- The MPOG Application Suite will open to the '[Concept Browser](#)' webpage, where you can select specific search criteria
- To search the dictionary of all MPOG concept types, use the 'Query String' field and maintain default settings in all other fields

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

Each MPOG Concept ID includes:

- **Concept ID Number:** The MPOG Concept ID number associated with each particular concept.
- **Concept Name:** Names associated with the concept (including ICD-9 & ICD-10 Codes)
- **Concept Type:** Indicates the location details associated with the concept (i.e. Access Location, Intraoperative Events, Interventions, and Observations).
- **Concept Occurrences:** Displays the number of concept occurrences that have been submitted to MPOG as well as the, 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.

ID	Concept Name	Concept Type	# of Occurrences
50140	Noninvasive blood pressure cuff location	Intraoperative Events, Interventions, and Observations	4,169,149

- Based on your search criteria, scan the results for the most appropriate MPOG concept for mapping purposes.
- 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

Query string

Count Mode

Hide inactive concepts

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

To search by MPOG ID, type “id:” prior the number

Please select a concept type and query string

Concept type [All concept types]

Query string id:50099

Count Mode Concept occurrences

Hide inactive concepts

Submit

ID	Concept Name	Concept Type	# of Occurrences
50099	Intubation - Nasal approach note	Intraoperative Events, Interventions, and Observations	110,133

- 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, select the Intraoperative Fluids concept type.

Please select a concept type and query string

Concept type [All concept types]

Query string

Count Mode

Hide inactive

- [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

- Enter 'dextrose' into the query string and select 'submit.'
- A group of intraoperative fluids that include the word 'dextrose' 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

- 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.

5040	Formal lab - Blood gas - Lactate (unknown sample type) (mmol/L)	Laboratory or Testing Observations	23	17,294,460
	Corewell Health East - Trenton			1
	Duke University			511,657
	Henry Ford Health System - Allegiance			213,045
	Henry Ford Health System - Detroit			1,362,421
	Henry Ford Health System - Macomb			114,420
	Henry Ford Health System - West Bloomfield			175,936
	Henry Ford Health System - Wyandotte			189,424
	Johns Hopkins Medicine			739,207
	NYU Langone Medical Center			859,130
	Oregon Health and Science University			255,414
	Temple University Health System			2,135

- 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 (support@mpog.zendesk.com)