Value Set Authority Center
U.S. National Library of Medicine

VSAC Users' Forum

Thursday, October 16
2:00 – 3:00 EDT

Today's Agenda

- Review of September Forum Topics
  - ❖Intensional Value Set Development
- Demonstration of New VSAC Features
  - ❖User-requested UMLS CUIs in VSAC
  - ❖User-requested Text Download Format
  - ❖User-requested HL7v3 in VSAC
  - ❖Reorganized Help Documentation
  - ❖New Video Tutorials
- How to remove ICD-9-CM value sets from groupings.

Intensional Value Set Definitions

Currently you have the ability to author value sets in VSAC by importing an enumerated list of codes or by choosing codes in the VSAC Authoring Tool.

NLM is building additional tooling in VSAC for you to define and build value sets by logical queries into code systems: Intensional Value Sets.

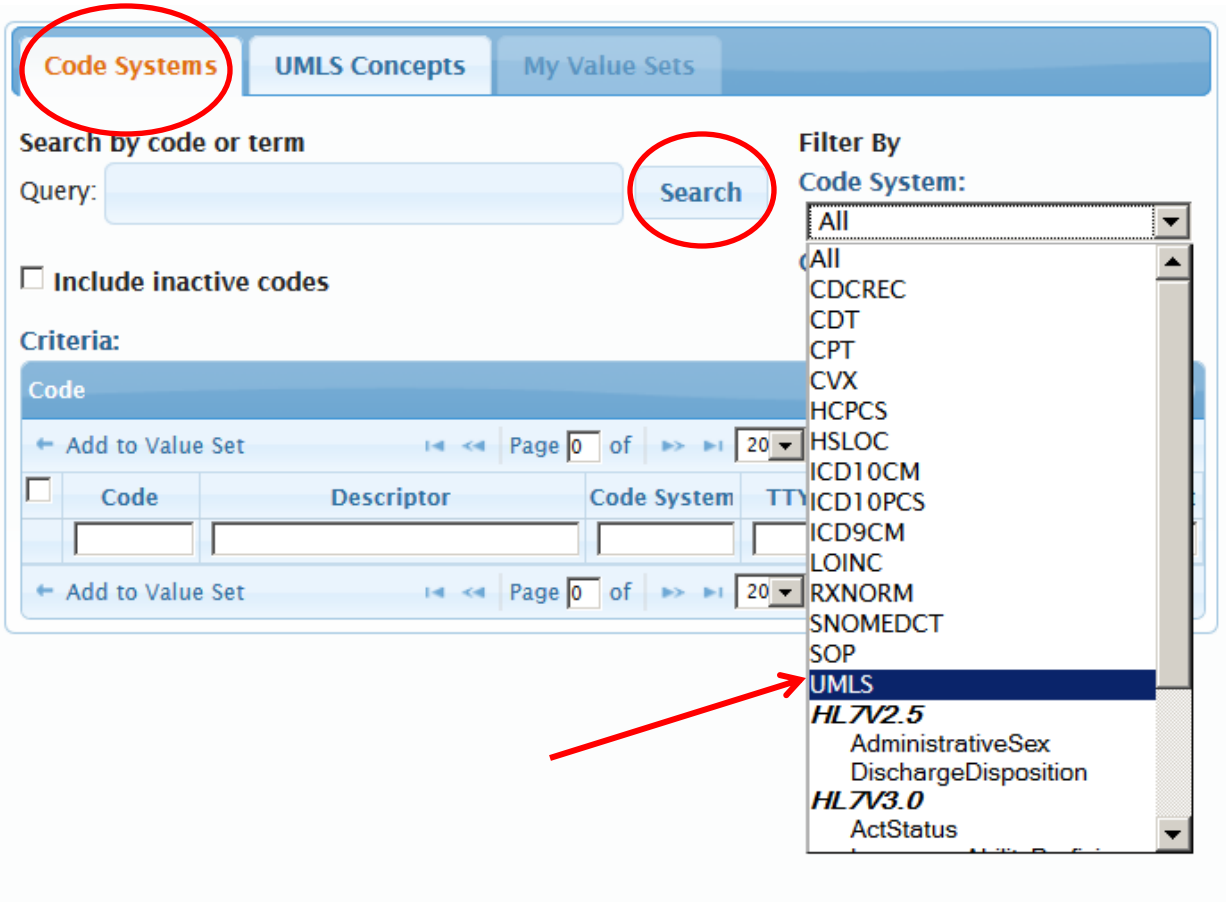
We need your example value sets to help us build this tool.

Example Intensional Queries

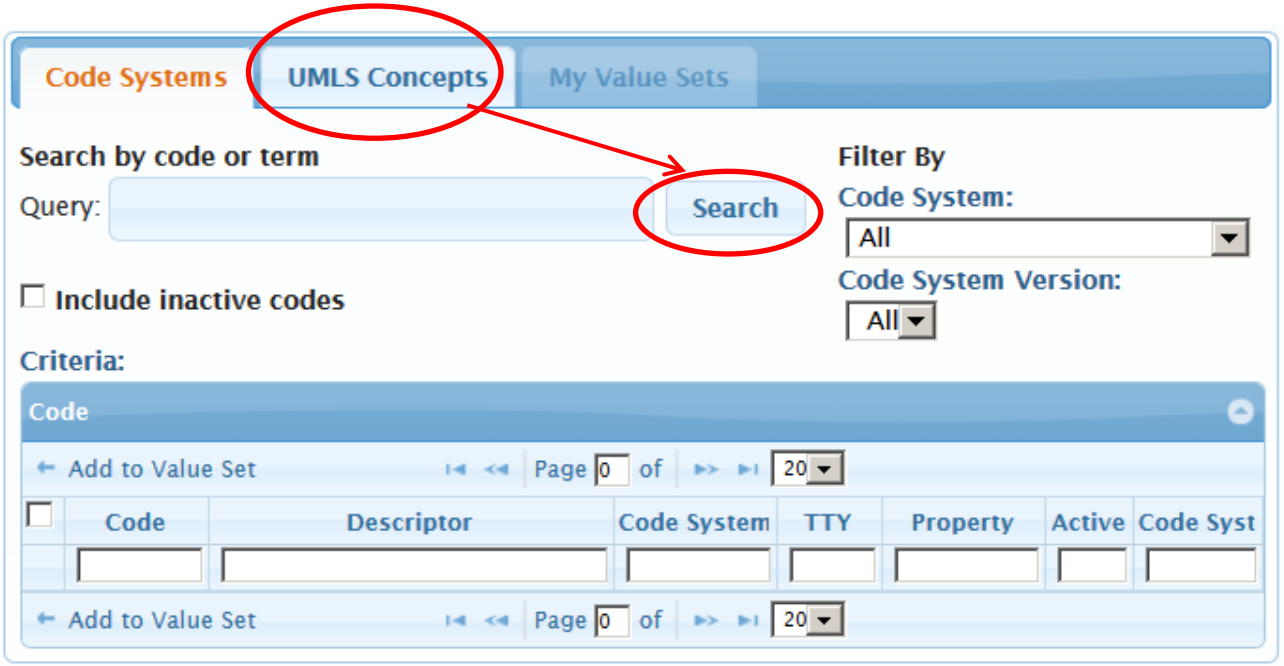
- Make a SNOMED CT value set using all the active descendants of code 284009009 “Route of administration (qualifier value)”

- Using RxNorm: Get prescribable oral tablet SCDs with ingredient=**11289**|Warfarin

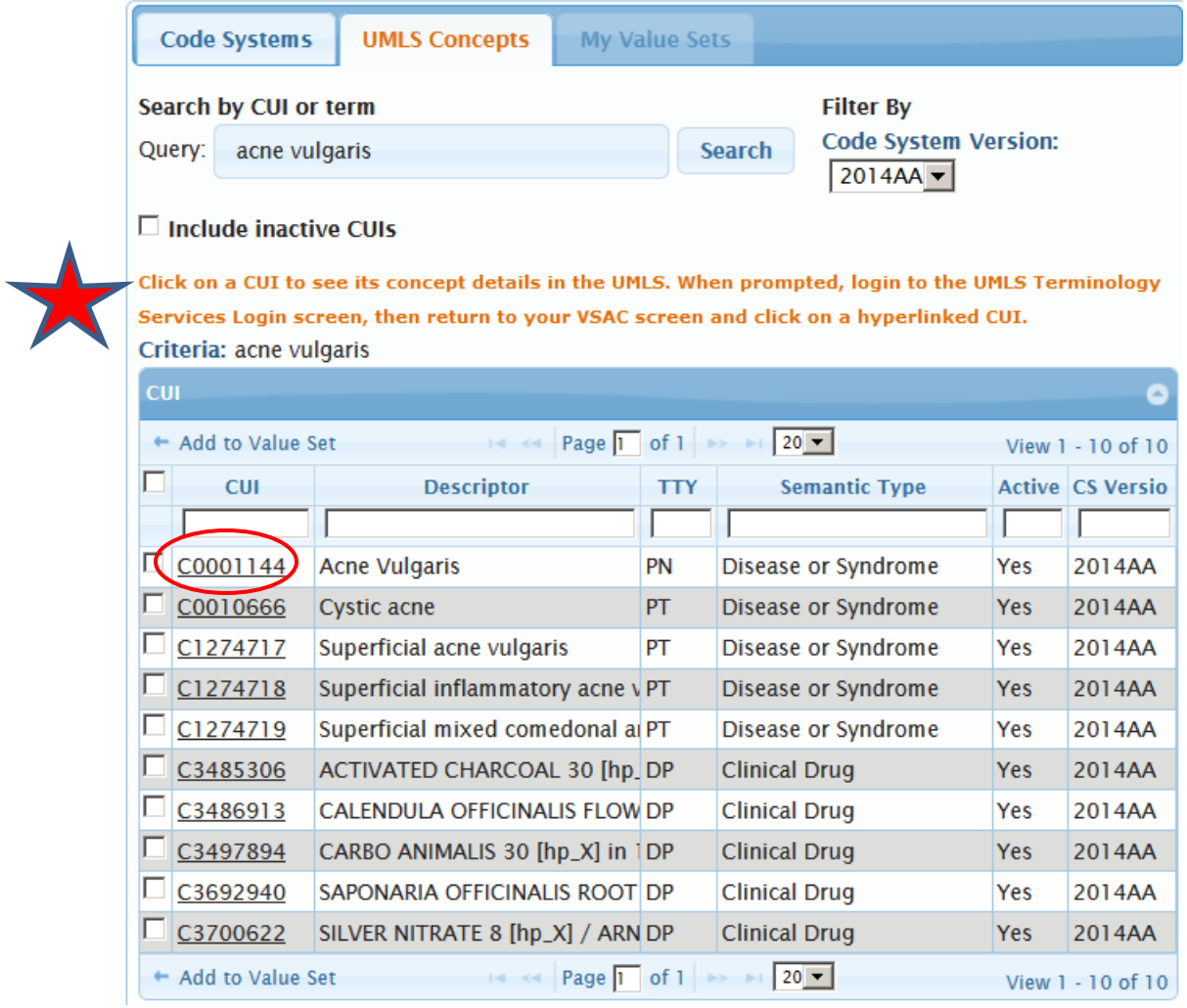
UMLS CUIs in VSAC



UMLS CUIs in VSAC



UMLS CUIs in VSAC



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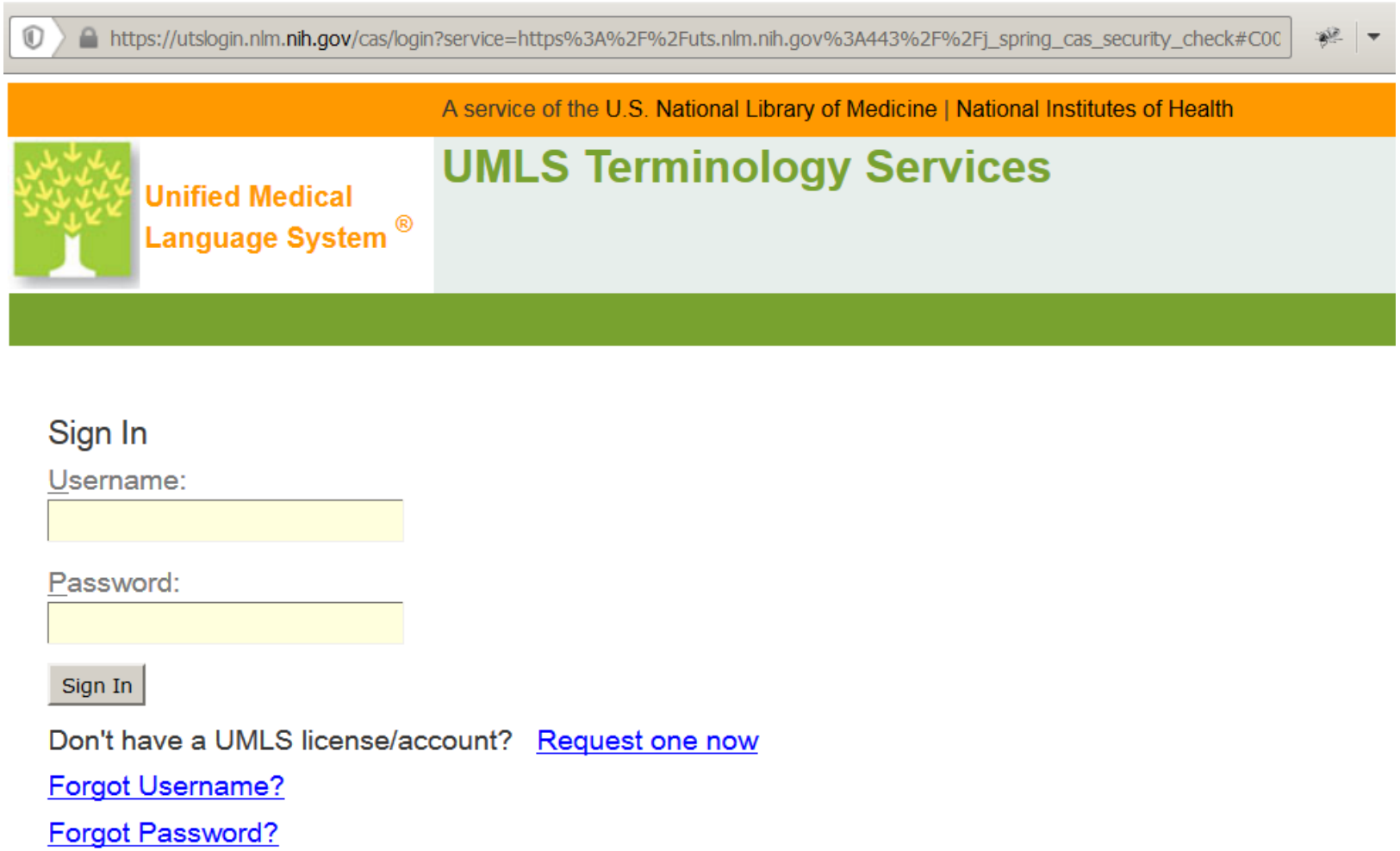

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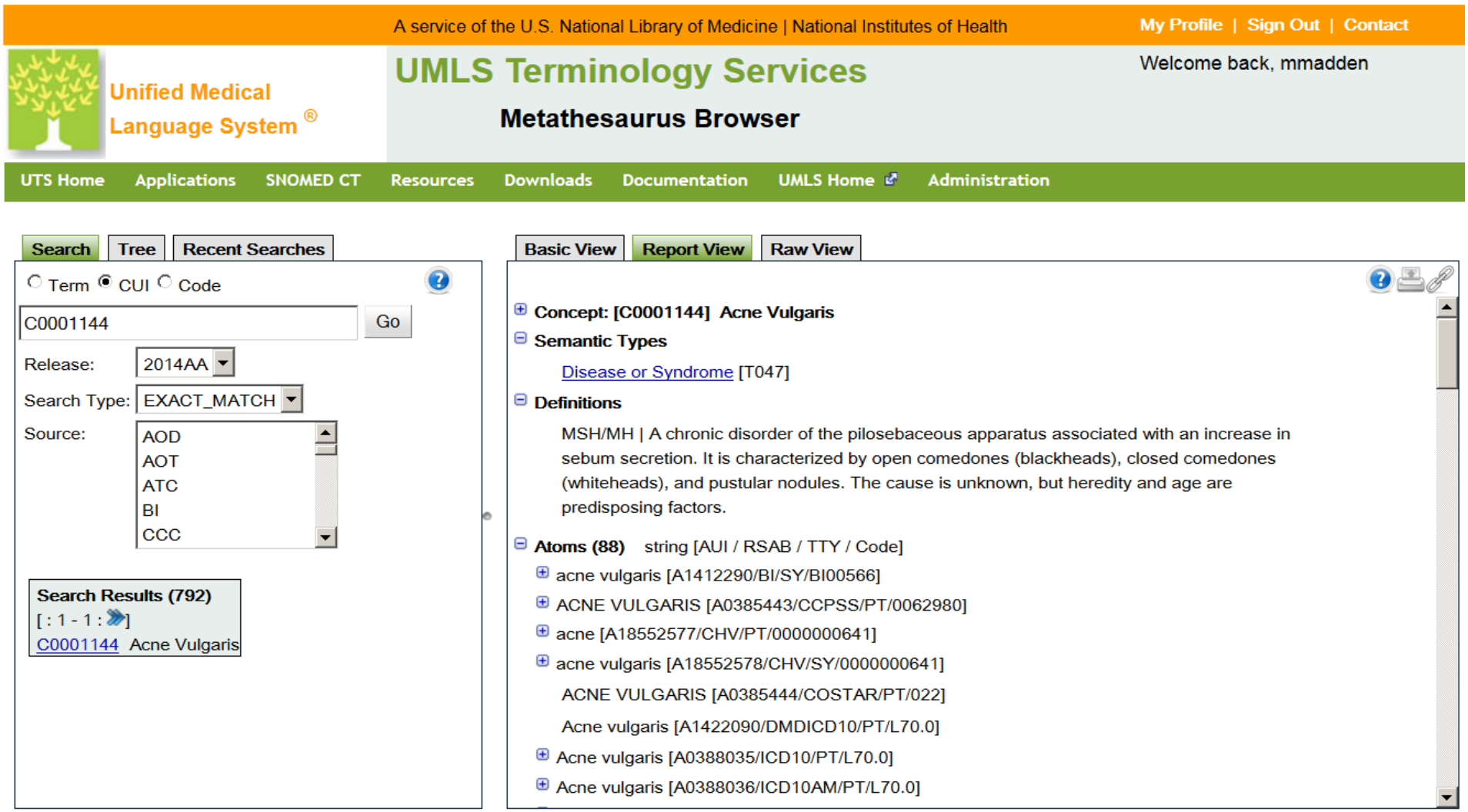
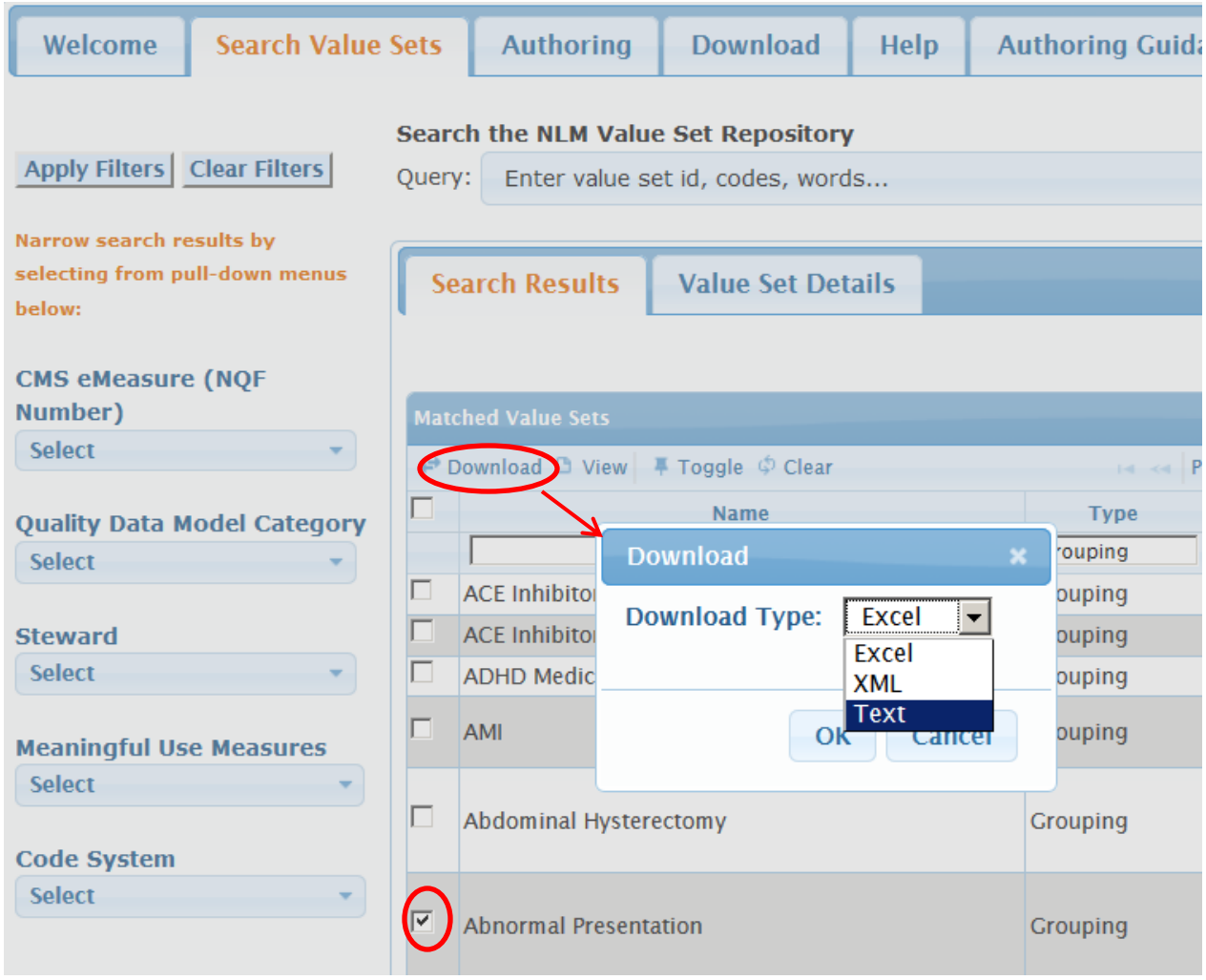
UMLS CUIs in VSAC



Text Format for Downloading Value Sets



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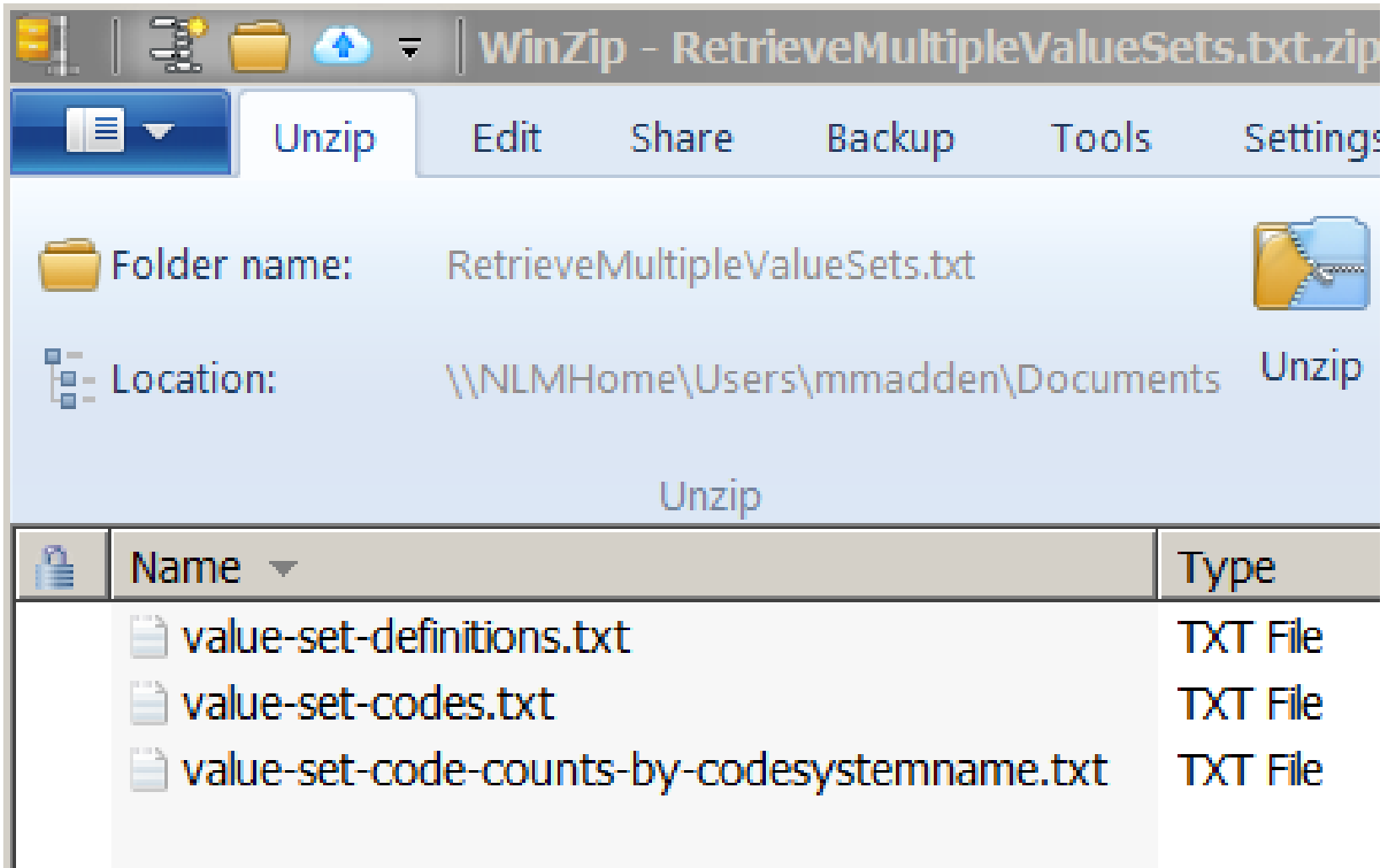

value-set-definitions.txt

OID|ValueSetName|Version|Definition
2.16.840.1.113883.3.117.1.7.1.833|AMI|20140125|
(2.16.840.1.113883.3.117.1.7.1.827:AMI ICD-9),
(2.16.840.1.113883.3.117.1.7.1.831:AMI ICD-10)

Explanation:
2.16.840.1.113883.3.117.1.7.1.833 is a Grouping Value Set that contains 2 member value sets:
2.16.840.1.113883.3.117.1.7.1.827 and 2.16.840.1.113883.3.117.1.7.1.827

value-set-codes.txt

OID|ValueSetName|Version|Code|Descriptor|CodeSystemName|CodeSystemVersion|CodeSystemOID

```
1  OID|ValueSetName|Version|Code|Descriptor|CodeSystemName|CodeSystem
2  2.16.840.1.113883.3.117.1.7.1.833|AMI|20140125|410.00|Acute myocar
3  2.16.840.1.113883.3.117.1.7.1.833|AMI|20140125|410.01|Acute myocar
4  2.16.840.1.113883.3.117.1.7.1.833|AMI|20140125|410.10|Acute myocar
5  2.16.840.1.113883.3.117.1.7.1.833|AMI|20140125|410.11|Acute myocar
6  2.16.840.1.113883.3.117.1.7.1.833|AMI|20140125|410.20|Acute myocar
7  2.16.840.1.113883.3.117.1.7.1.833|AMI|20140125|410.21|Acute myocar
8  2.16.840.1.113883.3.117.1.7.1.833|AMI|20140125|410.30|Acute myocar
9  2.16.840.1.113883.3.117.1.7.1.833|AMI|20140125|410.31|Acute myocar
10 2.16.840.1.113883.3.117.1.7.1.833|AMI|20140125|410.40|Acute myocar
```

This text file will contain a complete list of all the codes and descriptors in a value set.

value-set-code-counts-by-codesystemname.txt

OID|ValueSetName|CodeSystemName|NumberOfCodes
2.16.840.1.113883.3.117.1.7.1.833|AMI|ICD10CM|9
2.16.840.1.113883.3.117.1.7.1.833|AMI|ICD9CM|20

This text file is useful for checking the number of codes in each value set within a grouping value set, and this count can serve to alert you to changes in the membership of the value set which you will want to investigate.

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2.16.840.1.113883.3.117.1.7.1.833|AMI|ICD9CM|20

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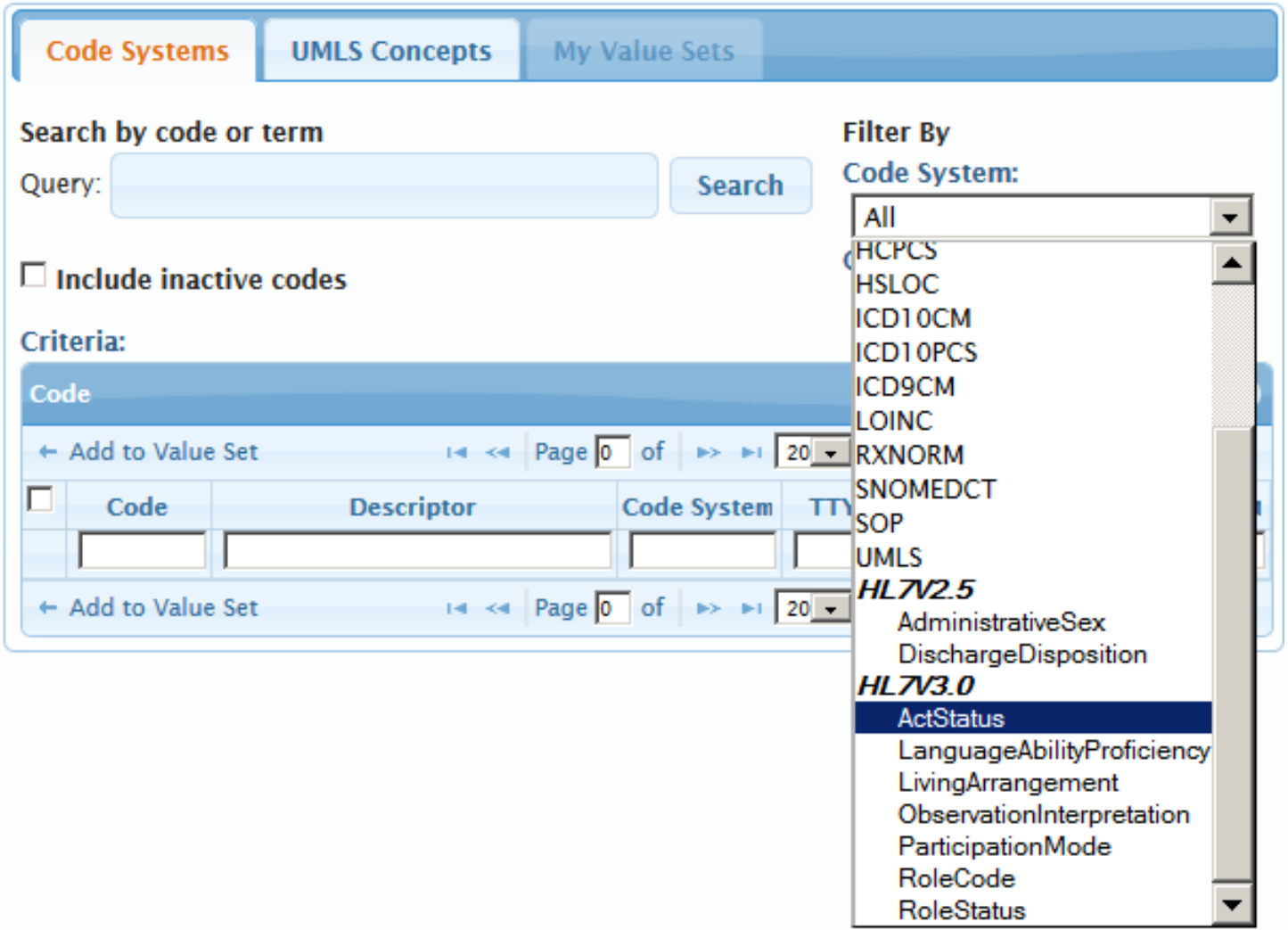
HL7 Code Systems Now in VSAC

HL7 v3 code systems:

- **ActStatus** 2.16.840.1.113883.5.14
- **LanguageAbilityProficiency** 2.16.840.1.113883.5.61
- **LivingArrangement** 2.16.840.1.113883.5.63
- **RoleStatus** 2.16.840.1.113883.5.1068
- **Observation Interpretation** 2.16.840.1.113883.5.83
- **RoleCode** 2.16.840.1.113883.5.111
- **ParticipationMode** 2.16.840.1.113883.5.1064

HL7 Code Systems Now in VSAC



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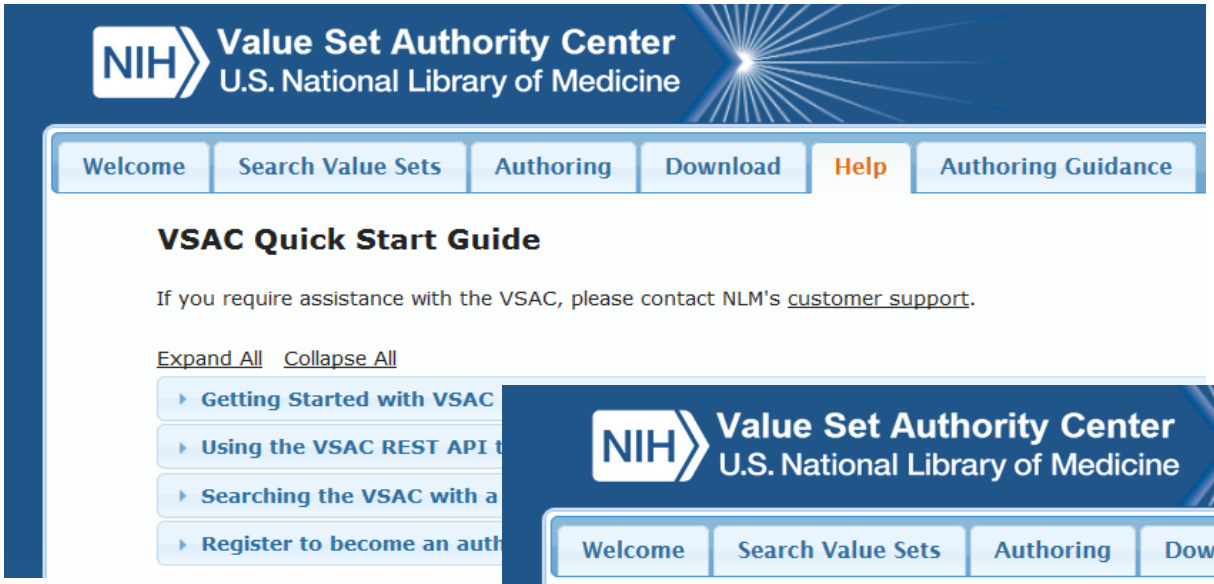
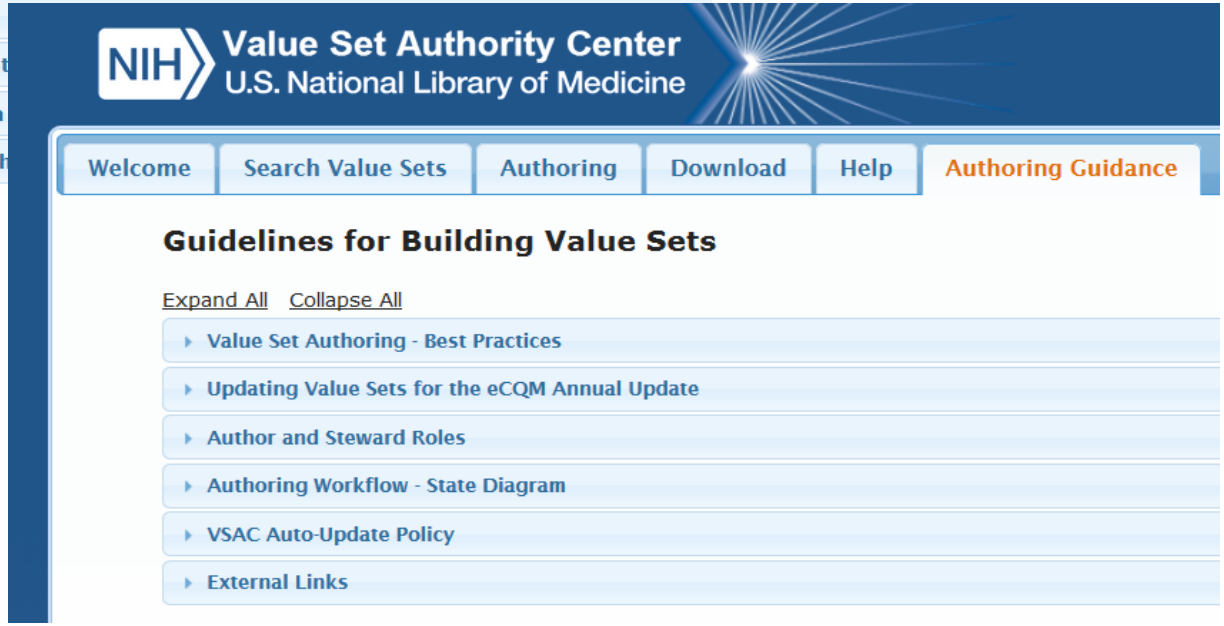
Old VSAC Help Pages





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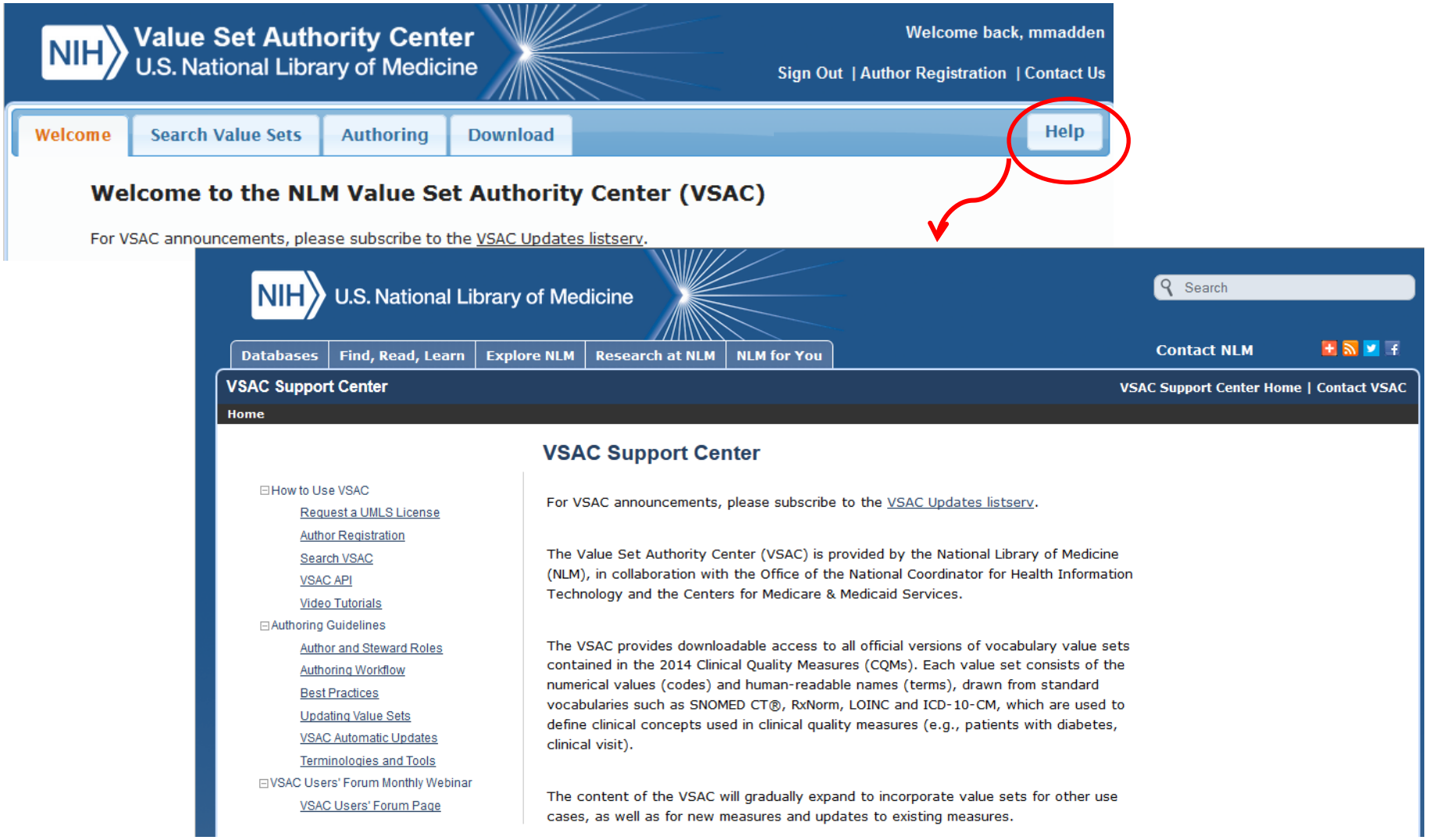

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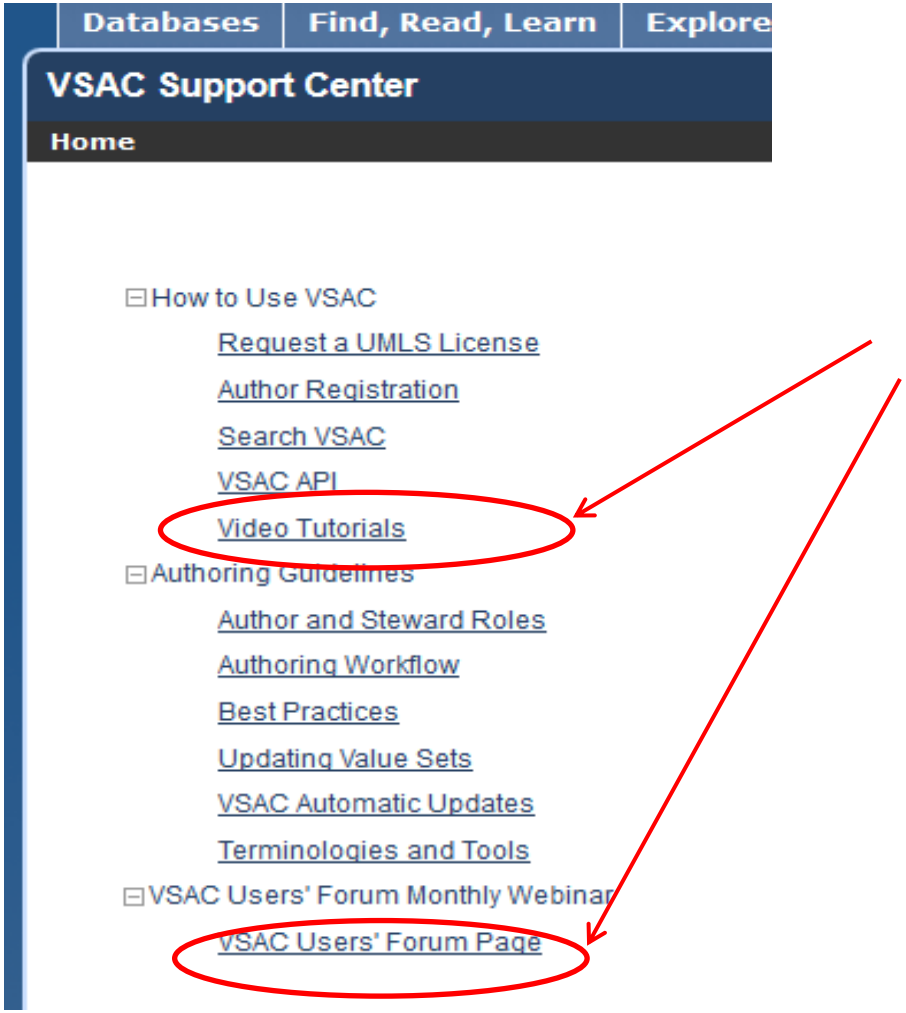

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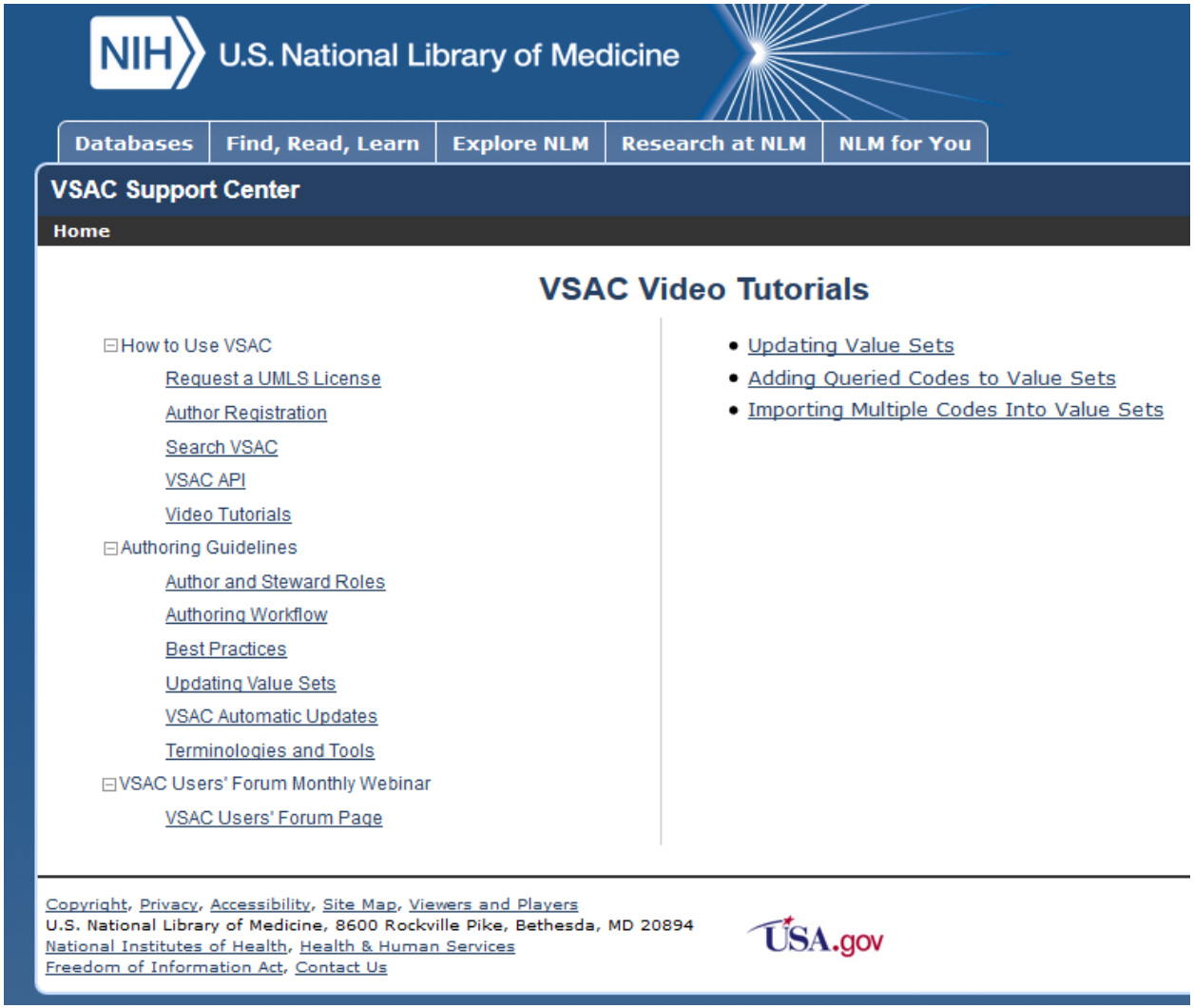
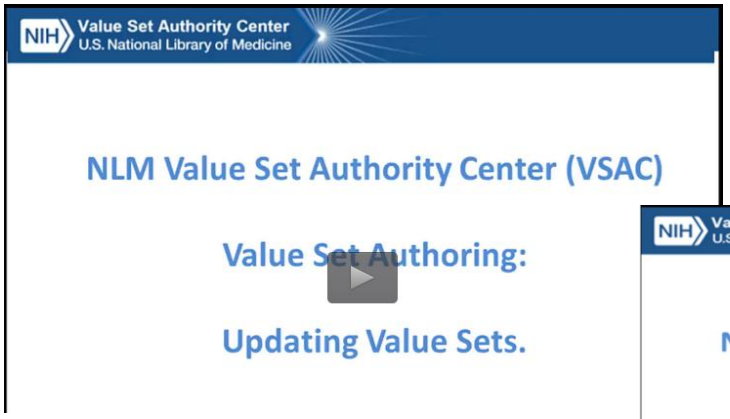
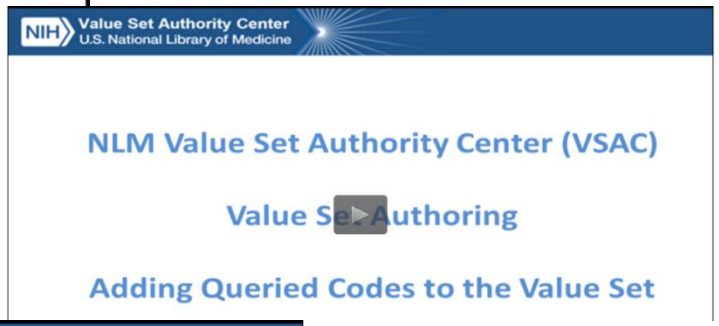
New Video Tutorial Page



New VSAC Video Tutorials





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New VSAC Users' Forum Page

VSAC Support Center

Home

Value Set Authority Center Users' Forum

- How to Use VSAC
  - Request a UMLS License
  - Author Registration
  - Search VSAC
  - VSAC API
  - Video Tutorials
- Authoring Guidelines
  - Author and Steward Roles
  - Authoring Workflow
  - Best Practices
  - Updating Value Sets
  - VSAC Automatic Updates
  - Terminologies and Tools
- VSAC Users' Forum Monthly Webinar
  - VSAC Users' Forum Page

The VSAC Team aims to gather feedback from current and potential users about your questions, needs, use cases and experiences as well as to present ongoing VSAC development and future functionality.

Upcoming Webinars

October 16, 2014, 2:00 PM – 3:00 PM EDT

November 13, 2014, 2:00 PM – 3:00 PM EDT

Participate in a Webinar

Connect to the Webinar (Adobe Connect)
Participants calling from the United States: Phone 1-866-398-2885 Passcode: 395 924 6190
Participants calling from the United Kingdom: Phone 0-800-358-6385 Passcode: 395 924 6190

We will caption, record, and post webinars for future viewing.
Webinars are capped at 300 attendees. There is no advanced registration.

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Archived Webinars

September 18, 2014

- Agenda
- Webinar Recording
- Slides

August 28, 2014

- Agenda
- Webinar Recording
- Slides

How to Remove ICD-9-CM Value Sets from Grouping Value Sets

(if this is required by the CMS eCQM Annual Update)

1. In VSAC, click on the Authoring tab.
2. Open the My Value Sets Section
3. Enter filters into the text boxes under each column heading. Here are suggestions:
   a. Type = Grouping
   b. Code System = ICD9CM
   c. Steward = your steward group
   d. Author = your author group
   e. Status = Published
4. Click on the OID that you need to edit
5. Click the New Version button
6. In the Grouping Value Set table, select the checkbox for all ICD9CM member value sets.
7. Click the “trash” icon at the top of the table to remove these value sets from the Grouping.
8. Click the Save button, then Submit, Approve, and Publish as usual.

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VSAC Share Beta Test Volunteers

Volunteer to be a beta tester for the VSAC Share Collaboration site. We need your input in order to make a good tool for you.

Testing will require only a couple hours and will take place during December.

Sign up now: maureen.madden@nih.gov

Questions?

Send comments, questions, ideas and *intensional value sets* to:

custserv@nlm.nih.gov

(place VSAC in the subject line)

Upcoming VSAC Users' Forums:

November 13, 2014

December 18, 2014