



# ***VSAC Users' Forum***

## **VSAC Collaboration Tool**

**Friday, November 20, 2015  
3:00 – 4:00 PM**



## **Purpose of VSAC Collaboration:**

VSAC stakeholders need tooling that supports interactive and centralized collaboration among VSAC authors and collaborators, as well as notification of changes.



## **VSAC Collaboration provides a central content management site for teams to:**

- Share threaded discussions about value sets
- View posted value set expansions
- Organize value sets by team's workflow
- Receive VSAC Collaboration activity emails



# Discussion Threads: Each Collab Site Automatically Populates with Default Topics

The screenshot shows a 'Discussion Threads' interface with a light blue header and a search icon. Below the header, there are two dropdown menus: 'All Topics' and 'Topics updated in the last 28 days'. A '+ New Topic' button is located on the right side. The main content area displays three discussion threads, each with a grey person icon, a title, and a creation date. The titles 'Usage', 'Purpose', and 'Content' are circled in red.

Topic Title	Created By	Created At
Value Set Usage	Vsac Admin	6 days ago
Value Set Purpose	Vsac Admin	6 days ago
Value Set Content	Vsac Admin	6 days ago



# All Collaboration Site Members Can Participate in Discussion Forums and Create New Topics



## Value Set Usage

Created on: Fri 10 Jul 2015 11:14:57 Author : Vvac Admin  
Replies: None

Vvac Admin said:  
Value Set Usage

Replies: (2) | Tag: remapped codes demonstration, 2.16.840.1.113762.1.4.1018.119

- Reply
- Edit
- Delete



Maureen Madden said:

Team: let's discuss how this value set will be used in the measure we are developing.

Replies: (1) | Posted on: Thu 16 Jul 2015 16:03:46

- Reply
- Edit



Maureen Madden said:

Should we use this value set in Measure A or in Measure B, or in both measures?

Replies: (0) | Posted on: Thu 16 Jul 2015 16:04:47

- Reply
- Edit



# Invite Additional Collaborators to Your Value Set Collaboration Site

Home My Files Shared Files Sites Tasks People Maureen Madden Search files, people, sites

NIH VSAC Collaboration Type 1 Diabetes Findings Site Dashboard Document Library Links Site Members More

People Groups Pending Invites

Search for Site Members

Search [Invite People](#)

	Andrea Demsey	Steward	Remove
	Maureen Madden	Steward	Remove
	Vsac Admin	Steward	Remove



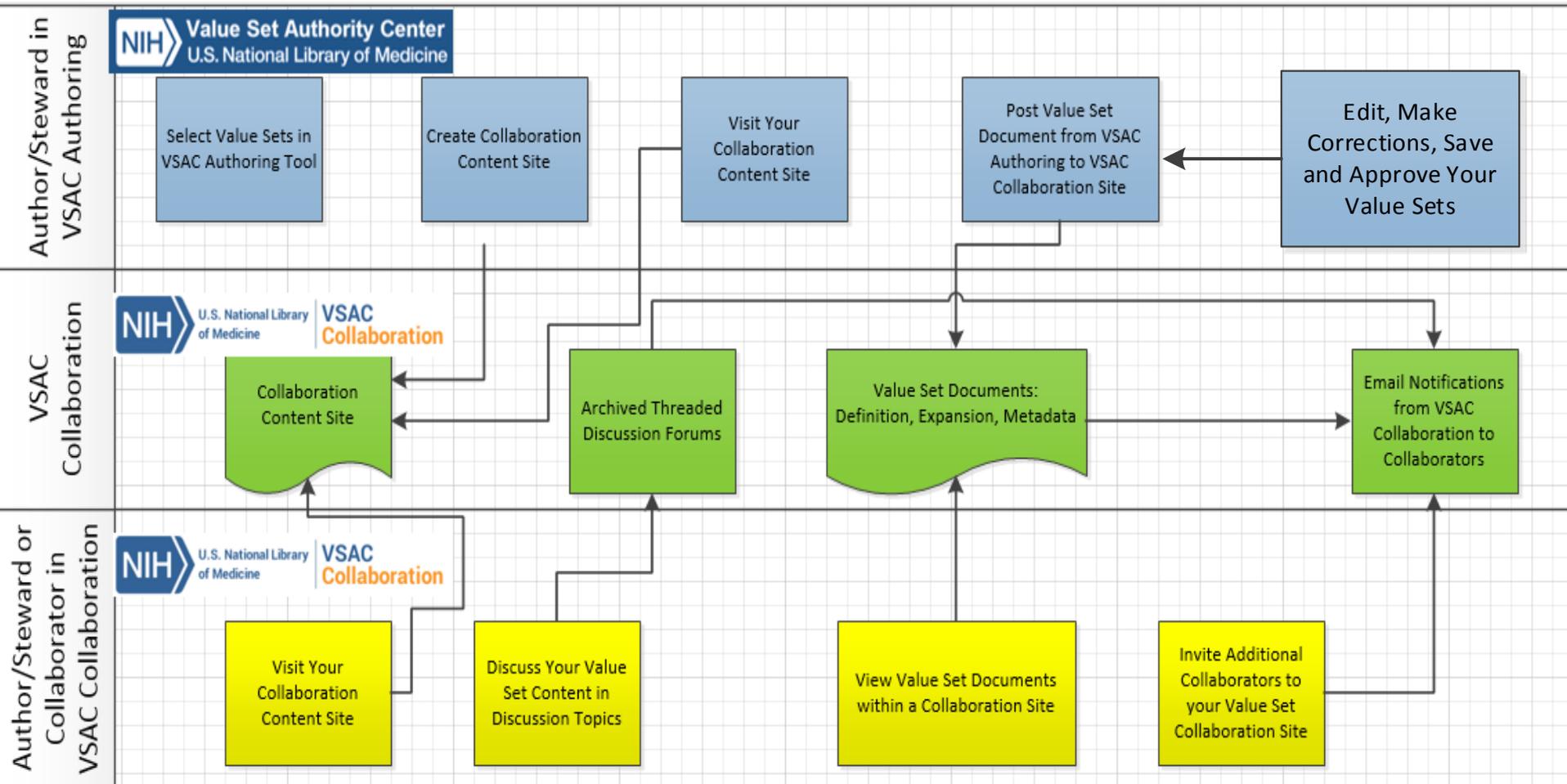


## How do VSAC Collaboration memberships and permissions work?

- All users of VSAC Collaboration must have a UMLS License.
- The value set's author and steward groups in VSAC are automatically members of each value set's VSAC Collaboration site.
- Stewards manage collaboration site members and invite additional members.
- Anyone with a UMLS License can request membership to a Collab site, subject to steward approval.
- Stewards choose to restrict or open collaboration site membership and may create a private (unfindable) or open (findable) Collab site.



# Collaboration Workflow Overview





# Create Your VSAC Collaboration Sites

**Welcome to the NLM Value Set Authority Center (VSAC)**

For VSAC announcements, please subscribe to the [VSAC Updates listserv](#).

The Value Set Authority Center (VSAC) is provided by the National Library of Medicine (NLM), in collaboration with the National Center for Human Genome Research Technology and the Centers for Medicare & Medicaid Services.

The VSAC provides downloadable access to all official **versions** of vocabulary **value sets** contained in the numerical values (codes) and human-readable names (terms), drawn from standard vocabularies such as SNOMED CT, ICD-9-CM, and ICD-10-CM to define clinical concepts used in clinical quality measures (e.g., patients with diabetes, clinical visit).

The content of the VSAC will gradually expand to incorporate value sets for other use cases, as well as for other vocabularies.

**Viewing or downloading value sets requires a free [Unified Medical Language System® Metathesaurus](#) included in the value sets.**

The [Data Element Catalog](#) contains the complete list of 2014 CQMs and value set names.

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[National Institutes of Health](#), [Health & Human Services](#)  
[Freedom of Information Act](#), [Contact Us](#)



# Three Creation Methods for Collaboration Sites

CREATION METHOD NAME	LOCATION	USE CASE
<b>VSAC</b>	<b>Authoring Tab:</b> Editing screen of one value set. Collaboration menu, Create Site, Post Value Set Details.	Create a single value set for which I need collaborative input in VSAC Collaboration.
<b>CUSTOM</b>	<b>Authoring Tab:</b> 'My Value Sets' or 'Search All Value Sets.' Filter/select desired value sets and Create Site. Post Value Set Details.	My team needs to discuss several value sets together. Useful for Value Set Harmonization. Useful for value sets with a common usage.
<b>HQMF</b>	<b>Collaboration Management Tab:</b> [Create HQMF Based Collab Site] to import your locally saved HQMF file. <b>"MU2 Management" stewards have "My Collaboration Sites" table prepopulated with collab sites containing value set details for all 93 eCQMs.</b>	Manage value set development and QA for all value sets contained in my measure. <b>Manage eCQM value set annual updates and QA. VSAC has prepopulated HQMF Collab sites for each of the 93 eCQMs.</b>



# Create a 'VSAC' (single value set) Collaboration Site

CREATION METHOD NAME	LOCATION	USE CASE
VSAC	<b>Authoring Tab:</b> Editing screen of one value set. Collaboration menu, Create Site, Post Value Set Details.	Create a single value set for which I need collaborative input in VSAC Collaboration.

The screenshot shows the VSAC Authoring interface. At the top, there are navigation tabs: Welcome, Search Value Sets, Authoring (highlighted), and Collaboration Management. Below this, there are tabs for Value Sets and CVX Inacti... (with a close button). A red circle highlights the Collaboration dropdown menu, which includes options for Harmonization and Report. The main content area displays details for a value set named 'CVX Inactive Vaccine' with a 'Draft' definition version and status. The OID is 2.16.840.1.113762.1.4.1018.123, and the Note field contains 'test mod time'. Below this, there is a section for 'Keywords Assigned to this Value Set: Hide' with the keyword 'vsacqatest' and an 'Add or Delete Keywords' button. The Purpose is shown as 'Show'. At the bottom, there are fields for Type (Extensional), Steward (VSAC STEWARD), Author (VSAC-AUTHOR), Code System (CVX), and Code System Version (2015).



## Create a 'Custom' Collaboration Site

CREATION METHOD NAME	LOCATION	USE CASE
<b>CUSTOM</b>	<b>Authoring Tab:</b> 'My Value Sets' or 'Search All Value Sets.' Filter/select desired value sets and Create Site. Post Value Set Details.	My team needs to discuss several value sets together in one Collab site. Useful for Value Set Harmonization. Useful for value sets with a common usage.

▼ My Value Sets

My Value Sets

[Download Excel](#)
[Refresh](#)
[Clear Filter](#)
[Assign Keyword](#)
[Create Site](#)
Page 1 of 1 | 20 ▼

<input type="checkbox"/>	Name	Type	Code System	Steward	Author	OID	Keyword
<input type="checkbox"/>				VSAC STEV	VSAC-AUTHOR		vsacqatest
<input checked="" type="checkbox"/>	Flurandrenolid ek test	Extensional	RXNORM	VSAC STEV	VSAC-AUTHOR	2.16.840.1.113762.1.4.1018.157	vsacqatest
<input checked="" type="checkbox"/>	CVX Inactive Vaccine	Extensional	CVX	VSAC STEV	VSAC-AUTHOR	2.16.840.1.113762.1.4.1018.123	vsacqatest
<input checked="" type="checkbox"/>	testingAMD1	Extensional	CPT	VSAC STEV	VSAC-AUTHOR	2.16.840.1.113762.1.4.1018.159	vsacqatest



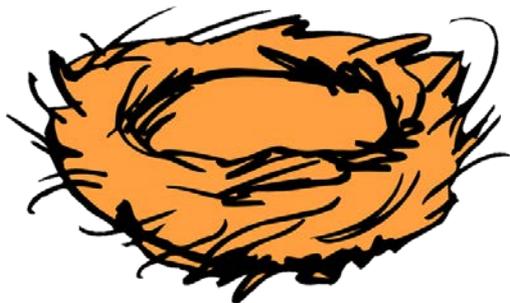
# Three Creation Methods for Collaboration Sites

CREATION METHOD NAME	LOCATION	USE CASE
<b>VSAC</b>	<b>Authoring Tab:</b> Editing screen of one value set. Collaboration menu, Create Site, Post Value Set Details.	Create a single value set for which I need collaborative input in VSAC Collaboration.
<b>CUSTOM</b>	<b>Authoring Tab:</b> 'My Value Sets' or 'Search All Value Sets.' Filter/select desired value sets and Create Site. Post Value Set Details.	My team needs to discuss several value sets together. Useful for Value Set Harmonization. Useful for value sets with a common usage.
<b>HQMF</b>	<b>Collaboration Management Tab:</b> [Create HQMF Based Collab Site] to import your locally saved HQMF file. <b>"MU2 Management" stewards have their "My Collaboration Sites" table prepopulated with collab sites containing value set details for all 93 eCQMs.</b>	Manage value set development and QA for all value sets contained in my measure. <b>Manage eCQM value set annual updates and QA. VSAC has prepopulated HQMF Collab sites for each of the 93 eCQMs.</b>



# Create Site, then Post Content

**Create Collaboration Site**



**Post Value Set Details from  
VSAC to Collaboration Site**





# Post Value Set Details to Collab Site

Welcome Search Value Sets Authoring **Collaboration Management**

My Collaboration Sites

Refresh Page 1

	Collaboration Site Name	Creation Method	
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	testtesttest	Custom	<a href="https">https</a>
<input type="checkbox"/>	RxNorm Test Set	VSAC	<a href="https">https</a>
<input type="checkbox"/>	can firefox handle collab	VSAC	<a href="https">https</a>
<input type="checkbox"/>	chrome can handle collab	VSAC	<a href="https">https</a>
<input type="checkbox"/>	cognitive impairment 2	VSAC	<a href="https">https</a>
<input type="checkbox"/>	mm test collab site type vsac	VSAC	<a href="https">https</a>
<input type="checkbox"/>	mm test collab site type custom	Custom	<a href="https">https</a>
<input type="checkbox"/>	Test	Custom	<a href="https">https</a>
<input type="checkbox"/>	ag test submit	VSAC	<a href="https">https</a>
<input type="checkbox"/>	CMS90 Functional Status Assessment for Complex Chronic Condition	HQMF	<a href="https">https</a>

Page 1

**Post Value Set Details To Collab Site**



# Post Value Set Details to Collab Site

Collaboration Site Details
✕

**Collaboration Site Name:** CMS90 Functional Status Assessment for Complex Chronic Conditions  
**Measure ID:** 90 **Measure Version:** 5.0.000  
**Creation Method:** HQMF **Site Steward:** MU2 Management  
**Site Modification Date:** 11/18/2015 **Last Document Update:** 11/18/2015  
**Collaboration Site URL:** <https://vsacrepo-qa.nlm.nih.gov/collab/page/site/2x16x840x1x113762x1x4x1137x104/dashboard>

[Import HQMF](#)

Member Value Sets
⌵

🔄 Refresh 🗑️ Delete
Page 1 of 2
5
View 1 - 5 of 10

Name	OID	Type	Steward
ONC Administrative Sex	2.16.840.1.113762.1.4.1	Extensional	ONC
Race	2.16.840.1.114222.4.11.836	Extensional	CDC NCHS
Ethnicity	2.16.840.1.114222.4.11.837	Extensional	CDC NCHS
Payer	2.16.840.1.114222.4.11.3591	Extensional	PHDSC
Heart Failure	2.16.840.1.113883.3.526.3.376	Grouping	AMA-PCPI

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View 1 - 5 of 10

**Recurring Post Value Set Details**

**My Schedule for Posting Value Set Details to Collaboration Site:**

**Automatically post value sets to collaboration site when: \*** **Start Date: \***

Steward approves new value set definition  
 VSAC updates value set's code system  
 Steward approves new grouping member value set's definition

[Update](#)
[Post Value Set Details to Collab Site](#)
[Close](#)



# Post Value Set Details to Collab Site

**Collaboration Site Details**

**Collaboration Site Name:** CMS90 Functional Status Assessment for Complex Chronic Conditions  
**Measure ID:** 90  
**Creation Method:** HQMF  
**Site Modification Date:** 11/18/2015  
**Collaboration Site URL:** <https://vsacrepo-qa.nlm.nih.gov/collab/page/site/2x16x840x1x113762x1x4x1137x104/dashboard>

**Measure Version:** 5.0.000  
**Site Steward:** MU2 Management  
**Last Document Update:** 11/18/2015

Import HQMF

**Member Value Sets**

Refresh Delete Page 1 of 2 5 View 1 - 5 of 10

Name	OID	Type	Steward
		ensional	ONC
		ensional	CDC NCHS
		ensional	CDC NCHS
		ensional	PHDSC
Heart Failure	2.16.840.1.113883.3.526.3.376	Grouping	AMA-PCPI

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Trigger posting to Collab by events you define.

**Recurring Post Value Set Details**

**My Schedule for Posting Value Set Details to Collaboration Site:**

**Automatically post value sets to collaboration site when: \***

- Steward approves new value set definition
- VSAC updates value set's code system
- Steward approves new grouping member value set's definition

**Start Date: \***

...or post to Collab on demand



# Post Value Set Details to Collab Site

Collaboration Site Details ✕

Collaboration Site Name: CMS100 Aspirin Prescribed at Discharge  
Measure ID: 100 Measure Version: 4.0.000

Recurring Post Value Set Details

**My Schedule for Posting Value Set Details to Collaboration Site:**

Automatically post value sets to collaboration site when: \*

- Steward approves new value set definition
- VSAC updates value set's code system
- Steward approves new grouping member value set's definition

Start Date: \*

Update

Post Value Set Details to Collab Site

Close

Payer	2.16.840.1.114222.4.11.3591	Extensional	PHDSC
-------	-----------------------------	-------------	-------

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Recurring Post Value Set Details

**My Schedule for Posting Value Set Details to Collaboration Site:**

Automatically post value sets to collaboration site when: \*

- Steward approves new value set definition
- VSAC updates value set's code system
- Steward approves new grouping member value set's definition

Start Date: \*



# Post Value Set Details to Collab Site

**Collaboration Site Details**

**Collaboration Site Name:** CMS90 Functional Status Assessment for Complex Chronic Conditions  
**Measure ID:** 90  
**Creation Method:** HQMF  
**Site Modification Date:** 11/18/2015  
**Collaboration Site URL:** <https://vsacrepo-qa.nlm.nih.gov/collab/page/site/2x16x840x1x113762x1x4x1137x104/dashboard>

**Measure Version:** 5.0.000  
**Site Steward:** MU2 Management  
**Last Document Update:** 11/18/2015

**Import HQMF**

**Member Value Sets**

Refresh Delete

Name	
ONC Administrative Sex	2.16.840.1.11376
Race	2.16.840.1.1142
Ethnicity	2.16.840.1.1142
Payer	2.16.840.1.1142
Heart Failure	2.16.840.1.11388

Recurring Post Value Set Details

**My Schedule for Posting Value Set Details to Collaboration Site:**

**Automatically post value sets to collaboration site when: \***

- Steward approves new value set definition
- VSAC updates value set's code system
- Steward approves new grouping member value set's definition

**Start Date: \***

**Post Value Set Details to Collab**

**Site Name:** CMS90 Functional Status Assessment for Complex Chronic Conditions  
**Site Creation Method:** HQMF  
**Expansion Profile:** VSAC Auto Expansion  Apply QA Rule  
**Site Steward:** MU2 Management

**Post Message:**

- VSAC Auto Expansion
- MU2 Update 2015-05-01
- MU2 EP Update 2014-05-30
- MU2 EH Update 2014-04-01
- MU2 EP Update 2013-06-14
- MU2 EH Update 2013-04-01
- MU2 Update 2012-12-21
- MU2 Update 2012-10-25

**Update** **Post Value Set Details to Collab Site** **Close**

**OK** **Cancel**



# Scenario #1: eCQM Annual Update

I want to manage value set development and quality assurance for the annual update of a CMS Clinical Quality Measure.





# Collaboration Management for Steward='MU2 Management'

Create HQMF Based Collab Site

My Collaboration Sites

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Collaboration Site Name	Creation Method	Collaboration Site URL	Steward	Site Modification Date	Last Document Updated
<input type="checkbox"/>	HQMF				
<input type="checkbox"/> <a href="#">CMS100 Aspirin Prescribed at Discharge</a>	HQMF	<a href="https://vsacrepo-qa.nlm.nih.gov/collab">https://vsacrepo-qa.nlm.nih.gov/collab</a>	MU2 Management	2015-11-18	2015-11-18
<input type="checkbox"/> <a href="#">CMS104 Discharged on Antithrombotic Therapy</a>	HQMF	<a href="https://vsacrepo-qa.nlm.nih.gov/collab">https://vsacrepo-qa.nlm.nih.gov/collab</a>	MU2 Management	2015-11-18	2015-11-18
<input type="checkbox"/> <a href="#">CMS105 Discharged on Statin Medication</a>	HQMF	<a href="https://vsacrepo-qa.nlm.nih.gov/collab">https://vsacrepo-qa.nlm.nih.gov/collab</a>	MU2 Management	2015-11-18	2015-11-18
<input type="checkbox"/> <a href="#">CMS107 Stroke Education</a>	HQMF	<a href="https://vsacrepo-qa.nlm.nih.gov/collab">https://vsacrepo-qa.nlm.nih.gov/collab</a>	MU2 Management	2015-11-18	2015-11-18
<input type="checkbox"/> <a href="#">CMS108 Venous Thromboembolism Prophylaxis</a>	HQMF	<a href="https://vsacrepo-qa.nlm.nih.gov/collab">https://vsacrepo-qa.nlm.nih.gov/collab</a>	MU2 Management	2015-11-18	2015-11-18
<input type="checkbox"/> <a href="#">CMS109 Venous Thromboembolism Patients Receiving Unfractionate</a>	HQMF	<a href="https://vsacrepo-qa.nlm.nih.gov/collab">https://vsacrepo-qa.nlm.nih.gov/collab</a>	MU2 Management	2015-11-18	2015-11-18
<input type="checkbox"/> <a href="#">CMS110 Venous Thromboembolism Discharge Instructions</a>	HQMF	<a href="https://vsacrepo-qa.nlm.nih.gov/collab">https://vsacrepo-qa.nlm.nih.gov/collab</a>	MU2 Management	2015-11-18	2015-11-18
<input type="checkbox"/> <a href="#">CMS111 Median Admit Decision Time to ED Departure Time for Adm</a>	HQMF	<a href="https://vsacrepo-qa.nlm.nih.gov/collab">https://vsacrepo-qa.nlm.nih.gov/collab</a>	MU2 Management	2015-11-18	2015-11-18
<input type="checkbox"/> <a href="#">CMS113 Elective Delivery</a>	HQMF	<a href="https://vsacrepo-qa.nlm.nih.gov/collab">https://vsacrepo-qa.nlm.nih.gov/collab</a>	MU2 Management	2015-11-18	2015-11-18
<input type="checkbox"/> <a href="#">CMS114 Incidence of Potentially-Preventable Venous Thromboembol</a>	HQMF	<a href="https://vsacrepo-qa.nlm.nih.gov/collab">https://vsacrepo-qa.nlm.nih.gov/collab</a>	MU2 Management	2015-11-18	2015-11-18

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Post Value Set Details To Collab Site



# Collaboration Site Details: Link Directly to Collaboration Site URL

**Collaboration Site Details** [Close]

**Collaboration Site Name:** CMS100 Aspirin Prescribed at Discharge  
**Measure ID:** 100  
**Creation Method:** HQMF  
**Site Modification Date:** 11/18/2015  
**Collaboration Site URL:** <https://vsacrepo-qa.nlm.nih.gov/collab/page/site/2x16x840x1x113762x1x4x1137x14/dashboard>

**Measure Version:** 4.0.000  
**Site Steward:** MU2 Management  
**Last Document Update:** 11/18/2015

**Member Value Sets** [Close]

Refresh Delete Page 1 of 5 5 View 1 - 5 of 22

Name	OID	Type	Steward
ONC Administrative Sex	2.16.840.1.113762.1.4.1	Extensional	ONC
Comfort Measures	1.3.6.1.4.1.33895.1.3.0.45	Extensional	Lantana EH Steward
Race	2.16.840.1.114222.4.11.836	Extensional	CDC NCHS
Ethnicity	2.16.840.1.114222.4.11.837	Extensional	CDC NCHS
Payer	2.16.840.1.114222.4.11.3591	Extensional	PHDSC

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**Recurring Post Value Set Details**

**My Schedule for Posting Value Set Details to Collaboration Site:**

**Automatically post value sets to collaboration site when: \***

- Steward approves new value set definition
- VSAC updates value set's code system
- Steward approves new grouping member value set's definition

**Start Date: \***



# Your Personal Collaboration Dashboard

Home My Files Shared Files Sites Tasks People Maureen Madden

NIH U.S. National Library of Medicine VSAC Collaboration Maureen Madden Dashboard

The first time each day that you log in to VSAC Collaboration, your first Collaboration page will be your personal dashboard page. From here you can choose your collaboration sites in which you would like to work.

### My Sites

All Create Site

- ag test submit  
2.16.840.1.113762.1.4.1018.170  
★ Favorite
- AMD1105a  
2.16.840.1.113762.1.4.1137.6  
★ Favorite
- can firefox handle collab  
2.16.840.1.113762.1.4.1137.10

### My Activities

Everyone's

Today

- Vs 12 ab
- Pis 06- 2 hours 1 more

Maureen Madden previewed document CMS100 Aspirin Presc(2015-11-18)

### My Tasks

Active Tasks Start Workflow

Active Tasks | Completed Tasks

Review the tasks assigned to you

### My Documents

I've Recently Modified

Keep track of your own content  
This dashlet lists all of the content that's important to you, no matter which site it is in.



# Example eCQM Collaboration Site



## CMS100 Aspirin Prescribed at Discharge

### Site Blog

Document Posted <CMS100 Aspirin Presc(2015-11-18 06-48-38).xlsx>  
Posted by Vvac Admin 19 hours ago  
< Ref ID:59 > HQMF Auto Upload

Document Posted <CMS100 Aspirin Presc(2015-11-18 06-44-59).xlsx>  
Posted by Vvac Admin 19 hours ago  
< Ref ID:46 > HQMF Auto Upload

Default Blog Topic

### Value Set Site Content

Ref ID	File	Location	Creator	Created Date
59	CMS100 Aspirin Presc(2015-11-18 06-48-38).xlsx	/Content	Vvac Admin	2015-11-18 18:48:38 EST
46	CMS100 Aspirin Presc(2015-11-18 06-44-59).xlsx	/Content	Vvac Admin	2015-11-18 18:44:59 EST

Wiki - Main Page

**Collaborate and communicate about this value set**

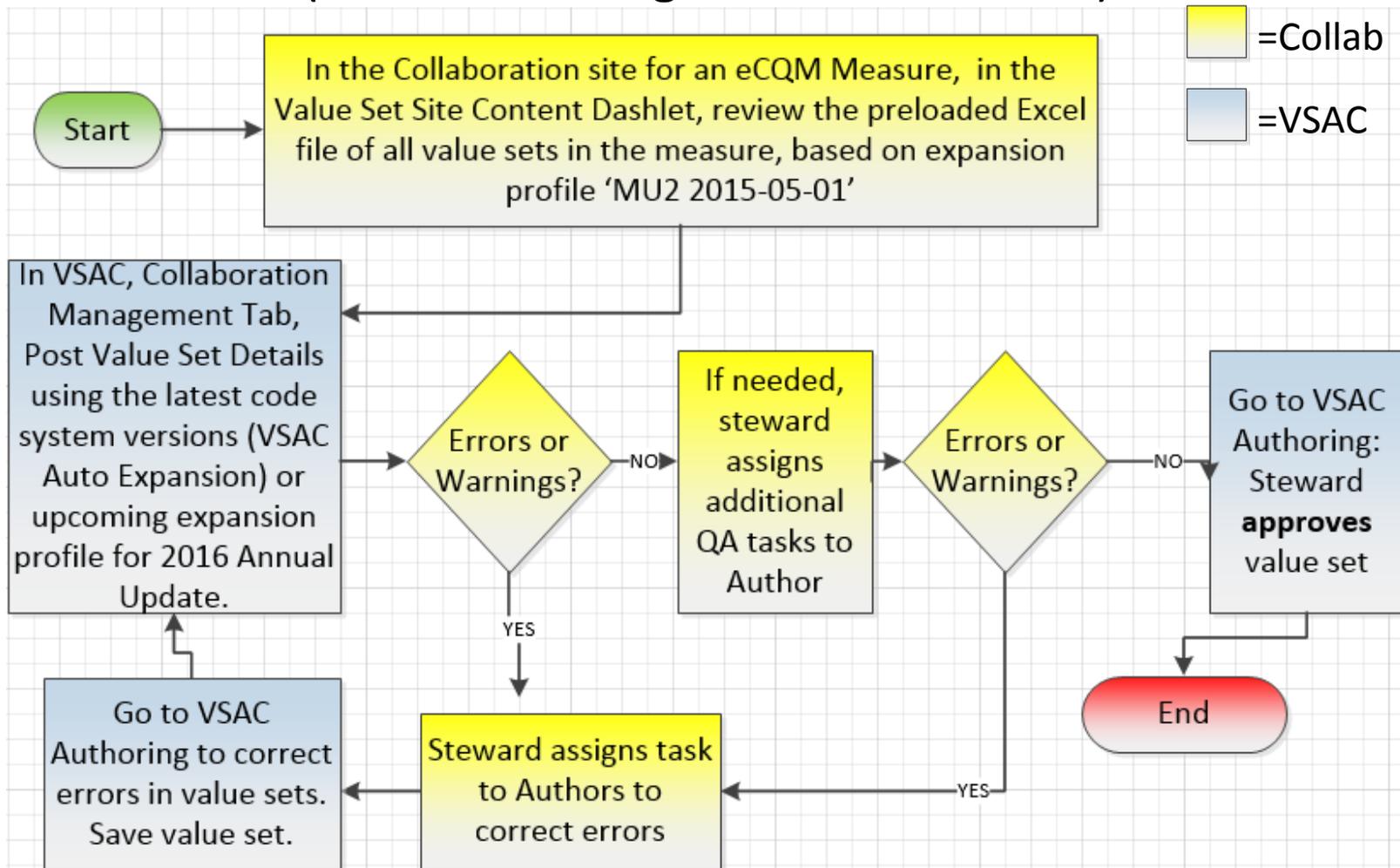
### Discussion Threads

All Topics ▼  
All topics updated in the past ▼ [+ New Topic](#)

- Value Set Usage  
Created by Vvac Admin 19 hours ago.
- Value Set Purpose  
Created by Vvac Admin 19 hours ago.
- Value Set Content  
Created by Vvac Admin 19 hours ago.



## Sample Workflow for eCQM Annual Update (VSAC Authoring and Collaboration)





# View Value Set Details posted from VSAC



### Site Blog

Document Posted <CMS100 Aspirin Presc(2015-11-18 06-48-38).xlsx>

Posted by Vvac Admin 19 hours ago  
< Ref ID:59 > HQMF Auto Upload

Document Posted <CMS100 Aspirin Presc(2015-11-18 06-44-59).xlsx>

Posted by Vvac Admin 19 hours ago  
< Ref ID:46 > HQMF Auto Upload

Default Blog Topic

### Value Set Site Content

Ref ID	File	Location	Creator	Created Date
59	CMS100 Aspirin Presc(2015-11-18 06-48-38).xlsx	/Content	Vvac Admin	2015-11-18 18:48:38 EST
46	CMS100 Aspirin Presc(2015-11-18 06-44-59).xlsx	/Content	Vvac Admin	2015-11-18 18:44:59 EST

### Wiki - Main Page

Collaborate and communicate about this value set

### Discussion Threads

All Topics  
All topics updated in the past  
New Topic

Value Set Usage  
Created by Vvac Admin 19 hours ago.

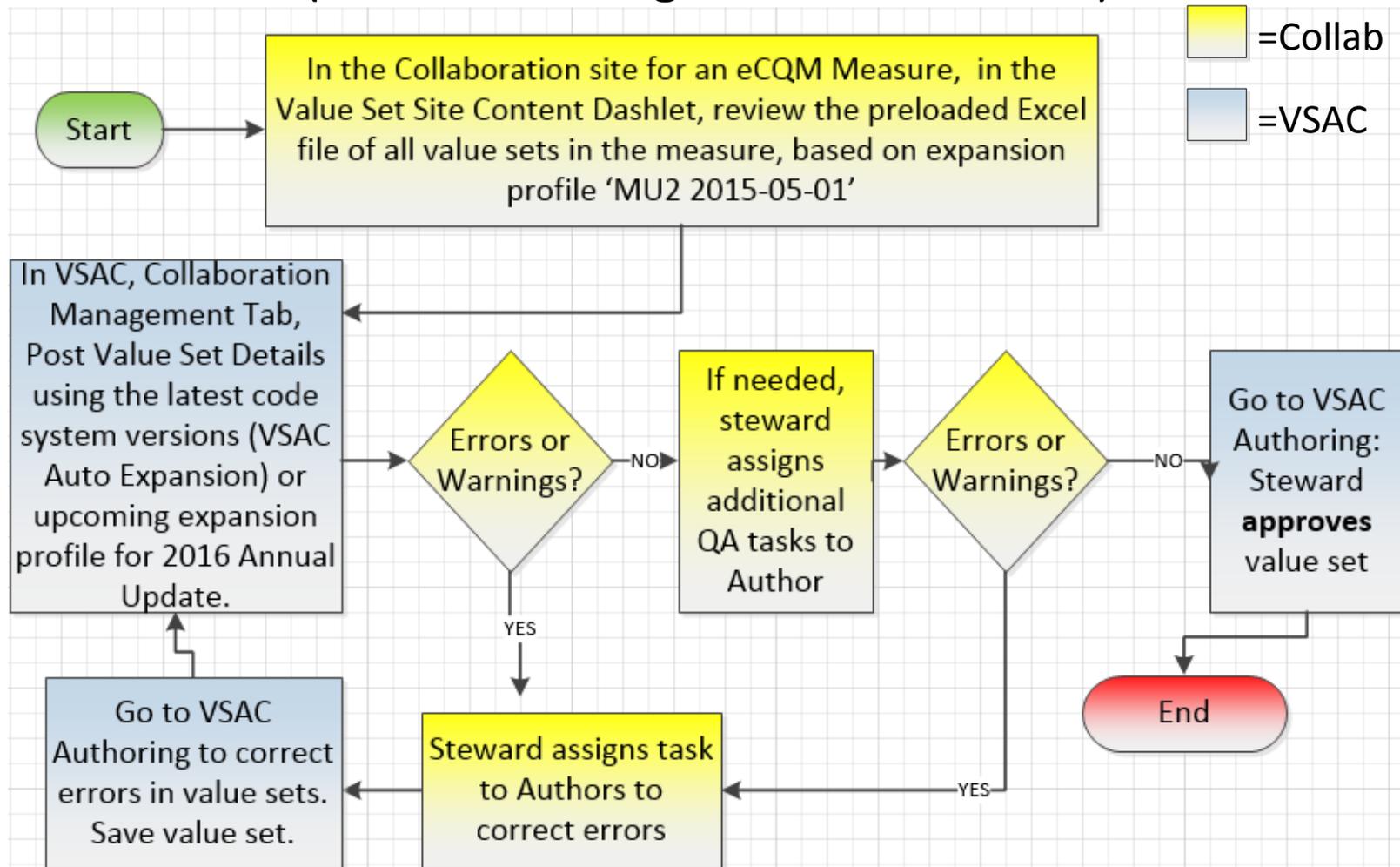
Value Set Purpose  
Created by Vvac Admin 19 hours ago.

Value Set Content  
Created by Vvac Admin 19 hours ago.





## Sample Workflow for eCQM Annual Update (VSAC Authoring and Collaboration)





# Post Value Set Expansions to Collab

**Post Value Set Details To Collab**

Site Name: CMS100 Aspirin Prescribed at  
Site Creation Method: HQMF Site S

Expansion Profile: VSAC Auto Expansion  Apply QA Rule

Post Message: Dear Team: VSAC Auto Expansion based available code sy

Use VSAC Auto Expansion for latest code systems. Use 2016 MU2 Expansion Profile when ready .

Write a note for your collaboration site Blog

OK Cancel

Post Value Set Details To Collab Site



# Review steward-updated QA Reports for All Value Sets in a Measure



## CMS100 Aspirin Prescribed at Discharge

### Site Blog

Document Posted <CMS100 Aspirin Presc(2015-11-18 06-48-38).xlsx>

Posted by Vsac Admin 19 hours ago  
< Ref ID:59 > HQMF Auto Upload

Document Posted <CMS100 Aspirin Presc(2015-11-18 06-44-59).xlsx>

### Value Set Site Content

Ref ID	File	Location	Creator	Created Date
59	CMS100 Aspirin Presc(2015-11-18 06-48-38).xlsx	/Content	Vsac Admin	2015-11-18 18:48:38 EST
46	CMS100 Aspirin Presc(2015-11-18 06-44-59).xlsx	/Content	Vsac Admin	2015-11-18 18:44:59 EST

### Discussion Threads

- All Topics ▾  
All topics updated in the past ▾  
+ New Topic
- Value Set Usage  
Created by Vsac Admin 19 hours ago.
- Value Set Purpose  
Created by Vsac Admin 19 hours ago.





# Review Current QA Status of All Value Sets in this Measure

Name	OID	Status	QA Status
<a href="#">ONC Administrative Sex</a>	2.16.840.1.113762.1.4.1	Published	OK
<a href="#">Aspirin Allergen</a>	2.16.840.1.113883.3.117.1.7.1.139	Published	WARNING
<a href="#">Aspirin ingredient speci</a>			OK
<a href="#">Encounter Inpatient</a>			OK
<a href="#">Comfort Measures</a>			OK
<a href="#">Aspirin</a>	2.16.840.1.113883.3.117.1.7.1.139	Published	WARNING
<a href="#">Emergency Department Visit</a>	2.16.840.1.113883.3.117.1.7.1.292	Published	OK
<a href="#">Patient Refusal</a>	2.16.840.1.113883.3.117.1.7.1.93	Published	OK
<a href="#">Principal</a>	2.16.840.1.113883.3.117.1.7.1.14	Published	OK
<a href="#">Patient Expired</a>	2.16.840.1.113883.3.117.1.7.1.309	Published	OK
<a href="#">Medical Reason</a>	2.16.840.1.113883.3.117.1.7.1.473	Published	WARNING
<a href="#">Left Against Medical Advice</a>	2.16.840.1.113883.3.117.1.7.1.308	Published	OK

Click on hyperlinked value set name to go directly to that value set's tab in this worksheet and review the errors and warnings.



# Review Code Statuses, QA Messages and Remap Info for Value Set with Warnings

Expansion List

Code	Descriptor	Version	Status	QA Message	Remap Info
314293	ACETYLSALICYLATE SODIUM	2015-11	Active	Non-Prescribable	No
1008006	Aspirin / Caffeine / Magnesium Salicylate	2015-11	Active	Non-Prescribable	No
1007353	Aspirin / Chlorpheniramine / Dextromethorphan	2015-11	Active	Non-Prescribable	No
866776		2015-11	Invalid	Invalid	No
1242565		2015-11	Invalid	Invalid	No
353452		2015-11	Invalid	Invalid	No
1053122		2015-11	Invalid	Invalid	No
1193079	Bayer Aspirin PM Reformulated Nov 2011	2015-11	Active		No
1247398	BC Original Formula	2015-11	Active		No
215451	Aspirin / Oxycodone Hydrochloride / oxycodone	2015-11	Active		No
217127	Fiorinal with Codeine	2015-11	Active		No
219779	Saletto	2015-11	Active		No
466584	Acetaminophen / Aspirin / Caffeine	2015-11	Active		No

Review Code Statuses, QA Messages and Remap Info for Value Set with Warnings

Value Sets

ONC Administrative SS1

**Aspirin AllergenS2**

Aspirin ingredient sS3

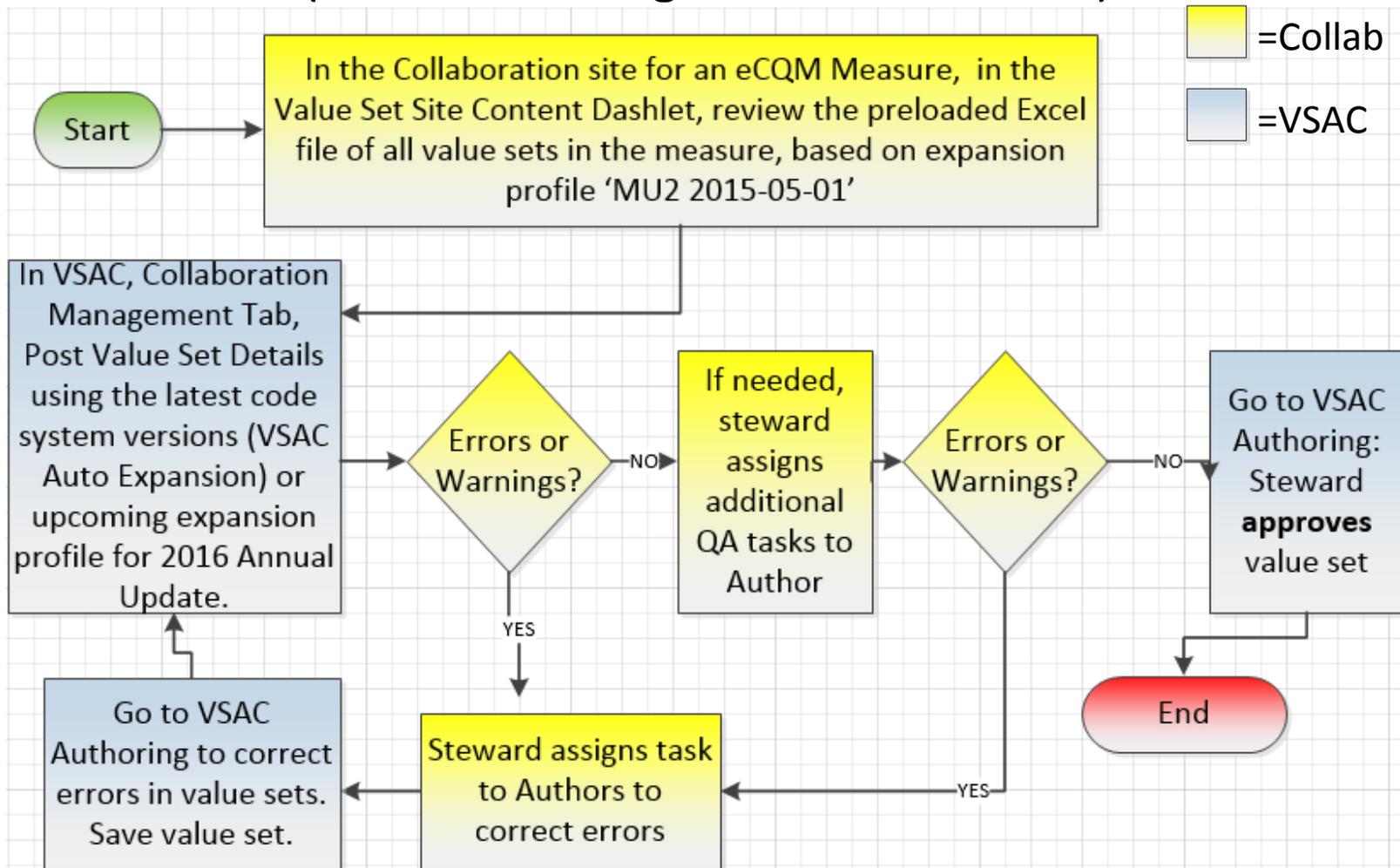
Enco ...



Go to VSAC Authoring to make needed code changes in a value set.  
Save, Submit and Approve revised value set, then post these value set details to Collaboration.



## Sample Workflow for eCQM Annual Update (VSAC Authoring and Collaboration)





# Assign Tasks to Yourself or Collab Members



1. Choose Workflows I have Started
2. Please select a workflow: Assign a new task to yourself or a colleague (e.g.,)
3. Write a message/instructions to your collab member
4. Select a dues date and priority.
5. Assign to one of your collab members, click (+) icon next to member's name
6. Start Workflow.

☰ Please fix the invalid codes in this Asprin Allergen value set for CMS100  
Due: 30 November, 2015 Started: 19 November, 2015  
Type: New Task  
Description: Assign a new task to yourself or a colleague



# Manage Tasks in VSAC Collaboration



Details: Please fix the invalid codes in this Asprin Allergen value set for CMS100 (Task)

## Workflow Summary

[View Process Diagram](#)

### General

- Workflow is in Progress
- Due on Mon 30 Nov 2015
- High Priority

### Most Recently Completed Task

[View Current Tasks](#)

#### Task

Completed on: 19 Nov, 2015    Completed by: Maureen Madden    Outcome: Task Done



Maureen Madden's comment:

(No comment)

## General Info

Title: New Task

Description: Assign a new task to yourself or a colleague

Started by: Maureen Madden

Due: Mon 30 Nov 2015

Completed: <in progress>

Started: Thu 19 Nov 2015 16:13:58

Priority: High

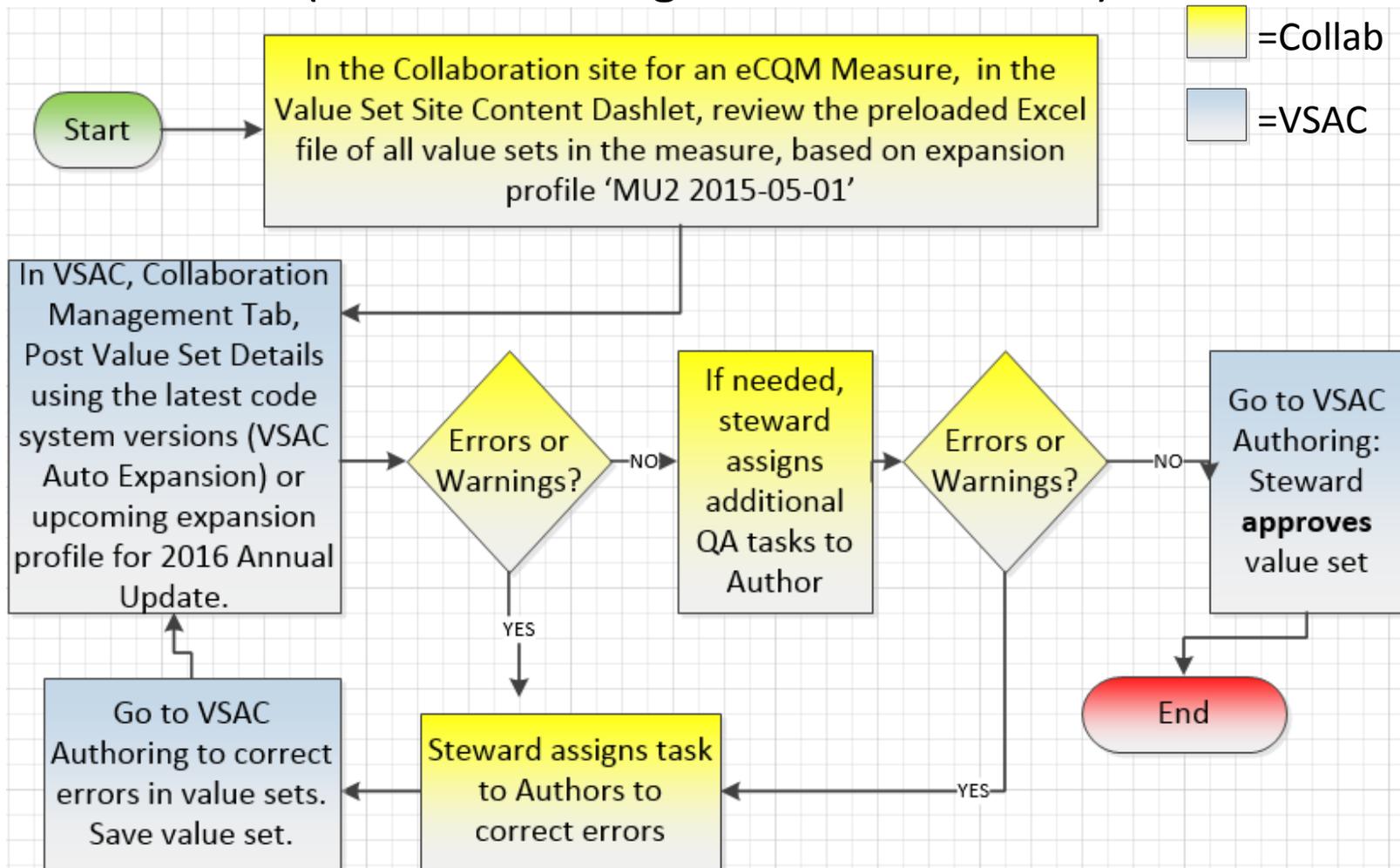
Status: Workflow is in Progress

Message: Please fix the invalid codes in this Asprin Allergen value set for CMS100

More Info



## Sample Workflow for eCQM Annual Update (VSAC Authoring and Collaboration)





# Did you make any changes to your measure in the Measure Authoring Tool?

Welcome Search Value Sets Authoring Collaboration Management Download

### Collaboration Site Details

Collaboration Site Name: CMS100 Aspirin Prescribed at Discharge  
Measure ID: 100 Measure Version: 4.0.000  
Creation Method: HQMF Site Steward: MU2 Management  
Site Modification Date: 11/20/2015 Last Document Update: 11/19/  
Collaboration Site URL: <https://vsacrepo-qa.nlm.nih.gov/collab/page/site/2x16x840x1x11/dashboard>

**Import HQMF**

### Member Value Sets

Refresh Delete Page 1

Name	OID	
ONC Administrative Sex	2.16.840.1.113762.1.4.1	
Race	2.16.840.1.114222.4.11.836	Extensional
Ethnicity	2.16.840.1.114222.4.11.837	Extensional
Payer	2.16.840.1.114222.4.11.3591	Extensional

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Recurring Post Value Set Details

My Schedule for Posting Value Set Details to Collaboration Site:

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Save updated MAT-generated HQMF to your computer. Import this new HQMF file into your measure's collaboration site, using VSAC, as shown here.



## Scenario #2: non-eCQM Management

I develop measures for a program unrelated to eCQMs, and I want to manage value set development and QA for my measure value sets.



# Create an HQMF Based Collab Site

Welcome Search Value Sets Authoring Collaboration Management Download Help

Create HQMF Based Collab Site

My Collaboration Sites

Refresh Page 1 of 11 10 View 1 - 10 of 104

	Collaboration Site Name	Creation Method	Collaboration Site URL	Steward	Site Modification Date	Last Document Update
<input type="checkbox"/>	<a href="#">CMS100 Aspirin Prescribed at Discharge</a>	HQMF	<a href="https://vsacrepo-qa.nlm.nih.gov/collab">https://vsacrepo-qa.nlm.nih.gov/collab</a>	MU2 Management	2015-11-20	2015-11-19
<input type="checkbox"/>	<a href="#">testingAMD1</a>	VSAC	<a href="https://vsacrepo-qa.nlm.nih.gov/collab">https://vsacrepo-qa.nlm.nih.gov/collab</a>	VSAC STEWARD	2015-11-19	2015-11-19
<input type="checkbox"/>	<a href="#">CMS91 Thrombolytic Therapy</a>	HQMF	<a href="https://vsacrepo-qa.nlm.nih.gov/collab">https://vsacrepo-qa.nlm.nih.gov/collab</a>	MU2 Management	2015-11-18	2015-11-18
<input type="checkbox"/>	<a href="#">CMS90 Functional Status Assessment for Complex Chronic Condition</a>	HQMF	<a href="https://vsacrepo-qa.nlm.nih.gov/collab">https://vsacrepo-qa.nlm.nih.gov/collab</a>	MU2 Management	2015-11-18	2015-11-18
<input type="checkbox"/>	<a href="#">CMS82 Maternal Depression Screening</a>	HQMF	<a href="https://vsacrepo-qa.nlm.nih.gov/collab">https://vsacrepo-qa.nlm.nih.gov/collab</a>	MU2 Management	2015-11-18	2015-11-18
<input type="checkbox"/>	<a href="#">CMS77 HIV/AIDS: RNA Control for Patients with HIV</a>	HQMF	<a href="https://vsacrepo-qa.nlm.nih.gov/collab">https://vsacrepo-qa.nlm.nih.gov/collab</a>	MU2 Management	2015-11-18	2015-11-18
<input type="checkbox"/>	<a href="#">CMS75 Children Who Have Dental Decay or Cavities</a>	HQMF	<a href="https://vsacrepo-qa.nlm.nih.gov/collab">https://vsacrepo-qa.nlm.nih.gov/collab</a>	MU2 Management	2015-11-18	2015-11-18
<input type="checkbox"/>	<a href="#">CMS74 Primary Caries Prevention Intervention as Offered by Primary</a>	HQMF	<a href="https://vsacrepo-qa.nlm.nih.gov/collab">https://vsacrepo-qa.nlm.nih.gov/collab</a>	MU2 Management	2015-11-18	2015-11-18

Import HQMF ValueSets

Select HQMF File

No file selected.

Import

Close



# Import the Measure HQMF File

Import HQMF ValueSets

Select HQMF File

**Browse...**

**Import** Close

Collaboration Site Details

Collaboration Site Name: Example Measure  
Measure ID: ExampleID  
Creation Method: HQMF  
Measure Version: 4.0.000  
Site Steward: \* Select one or more

**Import HQMF**

Member Value Sets

Refresh Delete Page 1 of 2 15 View 1 - 15 of 16

Name	OID	Type	Steward
Feeding Intention-Breast SN	2.16.840.1.113762.1.4.1045.29	Extensional	TJC EH Steward
Galactosemia Grouping Valu	2.16.840.1.113883.3.117.1.7.1.35	Grouping	TJC EH Steward
Single Live Birth SNOMEDCT	2.16.840.1.113883.3.117.1.7.1.25	Extensional	TJC EH Steward
Single Live Born Newborn Bc	2.16.840.1.113883.3.117.1.7.1.26	Grouping	TJC EH Steward
Encounter Inpatient SNOMED	2.16.840.1.113883.3.666.5.307	Extensional	Lantana EH Steward
Estimated Gestational Age a	2.16.840.1.113762.1.4.1045.47	Extensional	TJC EH Steward
Parenteral Nutrition Groupin	2.16.840.1.113883.3.117.1.7.1.38	Grouping	TJC EH Steward
Breast Milk SNOMEDCT Valu	2.16.840.1.113883.3.117.1.7.1.30	Extensional	TJC EH Steward
Dietary Intake Other than Br	2.16.840.1.113883.3.117.1.7.1.27	Extensional	TJC EH Steward
Neonatal Intensive Care Unit	2.16.840.1.113883.3.117.1.7.1.75	Extensional	TJC EH Steward
Patient Expired SNOMEDCT	2.16.840.1.113883.3.117.1.7.1.309	Extensional	TJC EH Steward
Discharge To Acute Care Fac	2.16.840.1.113883.3.117.1.7.1.87	Extensional	TJC EH Steward
Ethnicity CDCREC Value Set	2.16.840.1.114222.4.11.837	Extensional	CDC NCHS
Payer SOP Value Set	2.16.840.1.114222.4.11.3591	Extensional	PHDSC
Race CDCREC Value Set	2.16.840.1.114222.4.11.836	Extensional	CDC NCHS

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**Save** **Close**



All Value Sets Listed in Imported HQMF  
Files Must Also Exist in VSAC



## VSAC Collaboration Based on Alfresco

We have used the open source Alfresco software.

Alfresco is a customizable enterprise content management system that manages content within an enterprise and provides services and controls to manage this content.



<https://www.alfresco.com/>



# Questions?

Send comments, questions, ideas to:

[custserv@nlm.nih.gov](mailto:custserv@nlm.nih.gov)

(place VSAC in the subject line)