GWTG – Stroke Updates

Release Date: **October 21st, 2023**
Impacted Users: **All GWTG-Stroke Users**

<mark>Summary of changes in this release:</mark>

Enhancements

- Stroke Form Updates
    - For Arkansas Layer users, addition of elements for use of mobile communications app
    - For CMS OP-23 Layer users, validation updated for Birth Date (OP STK)

- Configurable Measure Report Updates
    - Addition of filters for recently added Provider/NPI elements
    - Updated Intensive Statin Therapy measures to include Caduet 10/80 as acceptable for numerator
    - Updated Diabetes Measures to align with Achievement Measures
    - Target: Stroke measures updated to include Limited Forms
    - Joint Commission measure logic updated for the Initial Patient Population (IPP) to utilize the element 'What is the patient's sexual orientation and/or gender identity?'
    - Updated denominator criteria for AHASTR40: Reasons for Delay in Thrombolytics – 60min
    - New "All ICH Hospitals" benchmark added
    - AHASTR66: CDC Coverdell Composite and AHASTR69: Coverdell Defect-Free updated to align with measures in Coverdell Measures bundle
    - For Arkansas Layer users, added mobile communications app elements as filter options
    - Added Certified TJC/AHA CSC Hospitals or Certified TJC/AHA PSC Hospitals benchmark to select sites not being included in those benchmarks
    - Corrected out of sync results across data table and visualization when applying Graph Similar Measures for Composite and Defect Free Measures
    - Corrected root-cause and re-processed specific records in which record was double counted in results

- Additional Report Updates
    - New "Stroke Alert" report in Time Tracker Report section

- Data Download Report (DDR) Updates
    - Updated format of Custom Date fields
    - Standard and Custom Field lists have been unlinked and operate independently

- Additional Updates
    - Updated # of Records in GWTG Registry Snapshot
    - For CMS OP-23 Layer users: OP-23 extract updated for CMS submission to include 'What is the patient's sexual orientation and/or gender identity?'

Additional Updates

- Coding Instructions manual updates
    - Coding instruction updates as summarized in the Coding Instruction manual's "Summary of Changes"

- Measure Description document updates
    - Updated Inpatient, Observation, Diabetes, Reporting, and Composite and Defect Free Measure Description documents

==**Details related to the above updates:**==

Stroke Form Updates:

For Arkansas Layer users, addition of elements for use of mobile communications app

The following elements have been added to the Special Initiative tab for Arkansas Layer users: Was a mobile communications app used to manage this patient?, Mobile communications app that was used, What was the indication for use of a mobile communications app?

'Was a mobile communications app used to manage this patient' is required. If "Yes", child elements are required.

For CMS OP-23 Layer users, validation updated for Birth Date (OP STK)

The Birth Date (OP STK) element on the Outpatient Tab has been updated so it consistently autofills with day, month, and year from the Date of Birth entered on the Demographics Tab.

Before:

In certain instances only Year would autofill:

After:

Day, month, and year will autofill on all cases:

Configurable Measure Report Updates:

Addition of filters for recently added Provider/NPI elements

The June 17th release included the addition of new single-select Provider / NPI elements specific to Provider specialty/role. Each has been added as a filter option. The retired "Physician/Provider NPI" multi-select element remains available in filters for use on records entered prior to the June 17th release.

Sites have the option to retrospectively enter data into the new single select elements on records entered prior to June 17th.

Before:

After:

Updated Intensive Statin Therapy measures to include Caduet 10/80 as acceptable for numerator

AHASTR4: Intensive Statin Therapy, AHASTR77: Intensive Statin Therapy – Inpatient, AHASTR99: Intensive Statin Therapy – Observation Status Only, and AHASTR298: Intensive Statin Therapy (Patients with Diabetes) updated so that Caduet 10/80 (Amlodipine + Atorvastatin), a high intensity statin dose, is accepted for the numerator criteria.

Before:

After:

Updated Diabetes Measures to align with Achievement Measures

The measure logic in the following Diabetes Measures have been updated to align with Achievement Measures:

- AHASTR145: Antithrombotics for Patients with Diabetes updated so the numerator criteria requires specific approved medications instead of only a "Yes" response to 'Antithrombotic Medication(s) Prescribed at Discharge'.
- AHASTR148: Early Antithrombotics for Patients with Diabetes updated to exclude records with non-minute precision Arrival Date/Time.

Before:

Case List - AHASTR145: Antithrombotics for Patients with Diabetes								
Patient ID	Denominator	Exclusion	Numerator	Exception	Arrival Date/Time:	Discharge Date/Time	Antithrombotic Medication(s) Prescribed at Discharge:	Medication
dmantidx	X		X		12/26/2022	01/01/2023 12:00	Yes	

Case List - AHASTR148: Early Antithrombotics for Patients with Diabetes						
Patient ID	Denominator	Exclusion	Numerator	Exception	Arrival Date/Time:	Discharge Date/Time
dmantidx	X				12/26/2022	01/01/2023 12:00

After:

Case List - AHASTR145: Antithrombotics for Patients with Diabetes								
Patient ID	Denominator	Exclusion	Numerator	Exception	Arrival Date/Time:	Discharge Date/Time	Antithrombotic Medication(s) Prescribed at Discharge:	Antithrombotics Medication (1)
dmantidx	X				12/26/2022	01/01/2023 12:00	Yes	

Case List - AHASTR148: Early Antithrombotics for Patients with Diabetes						
Patient ID	Denominator	Exclusion	Numerator	Exception	Arrival Date/Time:	Discharge Date/Time
dmantidx		X			12/26/2022	01/01/2023 12:00

Target: Stroke measures updated to include Limited Forms

The IPP requirement for Target: Stroke measures has been updated to include records entered on the Stroke Limited Form. Users of the Stroke Limited Form will now see records included in the following measures:

- AHASTR47: Thrombolytic Therapies
- AHASTR48: Time to IV Thrombolytics – 30 Min
- AHASTR50: Time to Intravenous Thrombolytic Therapy Times

Before:

Case List - AHASTR48: Time to Intravenous Thrombolytic Therapy - 30 min							
Patient ID	Access Case	Age:	Denominator	Exclusion	Numerator	Exception	Included in Measure Population?
PeterPan	https://aha.infosarioregistry.com/platform/stroker ...	46	No	No	No	No	No

After:

Joint Commission measure logic updated for the Initial Patient Population (IPP) to utilize the element 'What is the patient's sexual orientation and/or gender identity?'

Joint Commission ASR, STK, and CSTK measure calculations previously used the 'Sex' element in the Demographics Tab to determine IPP inclusion. With the 2023B version of the TJC Specifications Manual the element was updated, and a new element on the Certification Tab was added and required for discharges on or after 3Q23: 'What is the patient's sexual orientation and/or gender identity?'. For discharges on or after 3Q23, ASR, STK, and CSTK calculations have been updated to use the element in the Certification Tab in place of the element in the Demographics Tab.

Before:

ASR, STK, and CSTK assessed IPP based on completion of this element, for discharges prior to 3Q2023:

After:

ASR, STK, and CSTK assesses IPP based on completion of this element, for discharges on or after 3Q2023:

Updated denominator criteria for AHASTR40: Reasons for Delay in Thrombolytics – 60min

The denominator criteria has been updated so records can be included even if there are no Medical or Eligibility causes for IV thrombolytic delay.

<u>Before:</u>

The denominator criteria only included cases where 'If IV thrombolytic was initiated greater than 60 minutes after arrival, documented Eligibility or Medical reason(s) for delay' = "Yes". Cases without at least one Eligibility or Medical reason for delay were not grouped by reason(s) for delay.

<u>After:</u>

The denominator criteria has been updated to include cases where 'If IV thrombolytic was initiated greater than 60 minutes after arrival, documented Eligibility or Medical reason(s) for delay' is not blank. Even cases without an Eligibility or Medical reason are grouped by reason(s) for delay.

New "All ICH Hospitals" benchmark added

An "All ICH Hospitals" benchmark has been added to the configurable measure reports parameter page and is configured to include all sites enrolled in the ICH Layer.

AHASTR66: CDC Coverdell Composite and AHASTR69: Coverdell Defect-Free updated to align with measures in Coverdell Measures bundle

AHASTR66: CDC Coverdell Composite and AHASTR69: Coverdell Defect-Free measures have been updated to align with measures in the Coverdell Measures bundle. AHASTR9: LDL Documented, AHASTR10: NIHSS Reported, and AHASTR49: Time to Thrombolytic – 45 min have been added to the calculations. AHASTR8: Dysphagia Screen has been removed from the calculations.

Before:

After:

For Arkansas Layer users, added mobile communications app as filter options

The following newly added elements have been added as a filter option for Arkansas Layer users: 'Was a mobile communications app used to manage this patient?' and 'Mobile communications app that was used'.

Added Certified TJC/AHA CSC Hospitals or Certified TJC/AHA PSC Hospitals benchmark to select sites not being included in those benchmarks

The Certified TJC/AHA CSC Hospitals and the Certified TJC/AHA PSC Hospitals are available based on a site's TJC Certification. Several PSC and CSC sites reported not being assigned to these benchmarks. These sites have been assigned to a benchmark based on their TJC Certification.

Corrected out of sync results across data table and visualization when applying Graph Similar Measures for Composite and Defect Free Measures

Applying the Display Option of "Graph Similar Measures" to Composite and Defect Free Measures previously was causing the data table and visualization to have different results. This issue has been corrected so that "Graph Similar Measures" can be applied with synced results across the data table and visualization.

<u>Before:</u>

After:

Measure Details							
Benchmark Group	Measure Group	Measure	Time Period	Total Patients	Numerator	Denominator	% Patients
AHA Demo - Stroke - STK, CSTK, EVT	Composite Measures	AHASTR67: GWTG Compo...	01/01/2023-12/31/2023	64	134	196	68.4%
	Defect-Free Measures	AHASTR70: GWTG Defect ...	01/01/2023-12/31/2023	0	37	64	57.8%

68.4%

57.8%

AHASTR67: GWTG Composite

AHASTR70: GWTG Defect Free

Corrected root-cause and re-processed specific records in which record was double counted in results

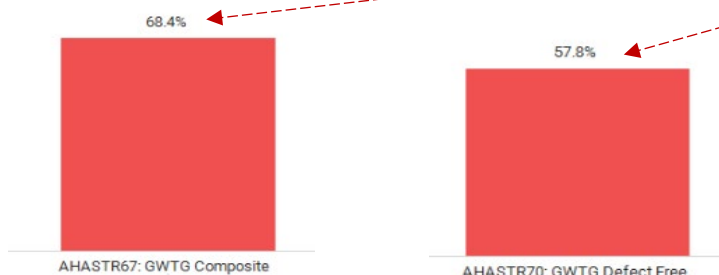Corrected root-cause and re-processed specific records in which record was double counted in measure results due to specific abstraction workflow in which a follow-up form was created simultaneous to inpatient form updates.

Additional Report Updates:

New "Stroke Alert" report in Time Tracker Report section

A new "Stroke Alert" report has been added to the Time Tracker Report section. This provides a patient list with columns of data pertinent to Stroke Alert tracking. The available columns include those shown below. Users can select which of these columns to include in the patient list, in addition to selecting columns available under other patient list reports.

Elements from any patient list report can be individually selected along with the elements available under the Stroke Alert patient list report.

Time Tracker Report
Report Status: Data Download Complete

Patient ID	Discharge Date/Ti...	Age:	Arrival Date/Time:	Was this patient a Stroke alert...	Location of Stroke alert ...	Time from LKW to Arrival (min)	NIHSS Total Score	ED Physician	Location
11092022test	03/03/2023 12:00	55	03/01/2023 12:00	Yes	EMS	60	16		
456abc	04/26/2023 14:10	75	04/24/2023 11:06	Yes	EMS	111	1		
31000	03/30/2023 11:00	77	03/23/2023 20:00	Yes	Emergency Department	180	14	1003010299 - WILLIAM SMITH	
Test_SubDural	05/30/2023 13:00	64	05/20/2023 16:00	No					
40000003163...	02/25/2023 18:45	74	02/23/2023 22:47	No					
30001	05/23/2023 12:00	65	05/12/2023 10:00	ND					
upload1a	08/02/2023 12:00	62	08/01/2023 06:30				1	1225000144 - MARY KRATZ	

Data Download Report (DDR) Updates:

Updated format of Custom Date fields

The format of Custom Date fields in DDR has been updated to match the format used in standard date/time fields.

Before:

Main Tab Status: Download Complete
Repeat Group Status: Download Complete

se	FACPATID	Monitored Bed Date/Time ▲	Monitored Be...
fos...	91552-Test_01...	2022-04-08T00:00:00.00	day
fos...	91552-Test_02...	2022-04-12T02:00:00.00	minute
fos...	91552-Test_01...		
fos...	91552-Test_01...		
fos...	91552-Test_01...		

After:

Main Tab Status: Download Complete
Repeat Group Status: Download Complete

FACPATID	Discharge Date:	Discharge Date:.P	Monitored Bed Date/Time ▲	Monitored Bed Date/Time.P
91552-test_02...	01/30/2023 12:00:00 PM	minute	01/14/2023 01:00:00 PM	minute
91552-3984710	01/30/2023 08:17:00 PM	minute	01/28/2023 12:00:00 AM	day
91552-Test_03...	01/11/2023 04:00:00 PM	minute		
91552-Test_cl1	01/15/2023 12:50:00 PM	minute		
91552-121920...	01/07/2023 03:08:00 AM	minute		
91552-112223A	01/28/2023 12:00:00 PM	minute		
91552-3001	01/03/2023 12:00:00 PM	minute		
91552-245678	01/06/2023 10:00:00 AM	minute		
91552-133333...				

Standard and Custom Field lists have been unlinked and operate independently

On the DDR parameter page, the Standard Fields and Custom Fields have been unlinked. The "Select All" checkbox for the Standard Fields will no longer auto-select all Custom Fields. Users can independently choose variables from the Standard 'Select Variable' container and 'Select Custom Fields' container. Users should select at least one Standard variable to download Custom Fields.

Before:

After:

Additional Updates:

Updated # of Records in GWTG Registry Snapshot

Updated # of Records in GWTG Registry Snapshot on the Community Page to only consider inpatient forms. Previously, the count included follow-up forms.

Before:

All GWTG Registry Snapshot		Go To Reports
Registry	▲ # of Hospitals	# of Records
COVID-19 CVD Registry	190	80384
Get With The Guidelines®-AFib	363	197069
Get With The Guidelines®-Coronary Artery Disease	946	613252
Get With The Guidelines®-Heart Failure	1740	2670280
Get With The Guidelines®-Resuscitation	1144	1328739
Get With The Guidelines®-Stroke	3315	9998641

After:

All GWTG Registry Snapshot		Go To Reports
Registry	▲ # of Hospitals	# of Records
COVID-19 CVD Registry	193	81576
Get With The Guidelines®-AFib	376	198068
Get With The Guidelines®-Coronary Artery Disease	949	658115
Get With The Guidelines®-Heart Failure	1748	2682226
Get With The Guidelines®-Resuscitation	1144	1328739
Get With The Guidelines®-Stroke	3324	9102664

For CMS OP-23 Layer users: OP-23 extract updated for CMS submission to include 'What is the patient's sexual orientation and/or gender identity?'

For CMS OP-23 Layer users, the OP-23 extract that is submitted to CMS has been updated so that submissions will include the 'What is the patient's sexual orientation and/or gender identity' element in the Certification Tab, in place of the 'Sex' element in the Demographics Tab.

Before:

CMS OP-23 extract included this element:

Demographics	
UUID: ⓘ	Protected Data Hidden
Sex: ⓘ	● Male ○ Female ○ Unknown

After:

CMS OP-23 extract will include this element:

Demographics

What is the patient's sexual orientation and/or gender identity? ⓘ

- ☐ Male
- ☐ Assigned/Designated Male at Birth
- ☐ Female
- ☐ Assigned/Designated Female at Birth
- ☐ LGBTQ
- ☐ Unknown