

# Appropriate Use Criteria (AUC) Ascension Via Christi - Cerner

4/8/2021



**Ascension**

*Listening to you, caring for you.®*

# What is Appropriate Use Criteria (AUC)?

- **Originated from the Protecting Access to Medicare Act (PAMA) signed in 2014 by Congress, being implemented by CMS.**
- **Evidence-based guidelines are being considered when physician are ordering advanced diagnostic imaging services (CT, MR, Nuc Med, PET) in applicable settings**
- **CMS will start auditing claims for adherence to the regulation on January 1, 2022.**
  - **The First Phase of our project will only implement the ordering decision support system.**

## AUC - Overview

# Radiology Appropriate Use Criteria

**Scope: CT, MR, Nuc Med, PET & Cardiology CT, MR, NM**

Venue	Alert Behavior	Special Qualifiers
<b>ACUTE</b> (Hospitals)	Alert prompts based upon <b>Encounter Type</b>	<b>Observation</b> and <b>OP in Bed</b> - prompts decision alert
<b>EMERGENCY</b>	Alert prompts based upon <b>Triage Level</b>	<b>Triage Level 4, 5</b> - Prompts decision alert
<b>AMG</b> (Clinics/Urgent Care)	Alert Prompts based upon <b>Encounter Type</b>	All insurances will prompt decision alert
<b>COMMUNITY PROVIDERS</b>	Can use paper referral and provide AUC details from the outside website or from their Private EMR. <b>Initial implementation will not change</b> the current community provider's workflows.	

# AUC - Overview Ordering Process and Alert

1. Place Order w/  
Reason for Exam =  
CVA
2. Select **Address Alert**  
more specific  
information needed to  
map the Reason for  
Exam, **CVA** to the  
most appropriate  
order

VCHF F5SE; 5039; 01 Fin#:400006400440 Admit: 3/30/2021 9:18 CDT

Diagnostic Tests

CT Head or Brain w/ Contrast Order 4/8/2021 7:50 CDT 4/8/2021 7:50 CDT, Stat, Reason: CVA

**Details for CT Head or Brain w/ Contrast**

**Caution.** This order requires clinical decision support. Address the alert to continue. **Address Alert**

Details Order Comments Diagnoses

\*Requested Start Date/Time: 04/08/2021 0750 CDT

Frequency: [ ]

Reason for exam: [ ]

LMP: \*\*/\*\*/\*\*\*\*

Transport mode: [ ]

Patient on O2:  Yes  No

ABN Status: [ ]

AUC DSN: 5798492

AUC Acknowledgement Reason: [ ]

AUC Order Adherence Modifier: [ ]

\*Priority: Stat

\*Reason for exam - DCP: **CVA**

Consulting physician: Cerebral occlusion  
Cerebrovascular disease

Pregnant: Convulsions  
**CVA**

Patient has IV: Dizziness , vertigo  
Head Injury  
Headache

Order for future visit: Intracerebral hemorrhage  
Intracranial hemorrhage  
Intracranial injury  
Lack of coordination  
Multiple Sclerosis

AUC Acknowledgement Reason Comment: [ ]

Qualified CDSM Utilized: [ ]

# AUC - Overview Details of Alert Screen

1. Patient Demographics
2. Selected Order
3. Original Reason for Exam
4. **Select** focused RFE related to "CVA"
5. Scoring details for Requested Exam

**NOTE:**

Cost, Radiation Exposure, and Am. College of Radiology Appropriateness Scoring

6. Appropriate Exams

**NOTE:**

Exams display with

- Red** (1-3)
- Yellow** (4-6)
- Green** (7-9)

ZTEST, AUC INTE OBS Birth Sex: Unknown DOB: 01/JAN/1948 Age: 73 MRN: 4003202490

1

Cancel CT Head or Brain w Contrast

2 Clinical Decision Support for CT Head or Brain w Contrast

Search for a Reason for Exam

3 CVA

Neuro deficit, acute, stroke suspected

4 Results focused on CVA (5) Reset

- Cerebral hemorrhage suspected
- Dural venous sinus thrombosis suspected
- Neuro deficit, acute, stroke suspected
- Stroke, follow up
- Transient ischemic attack (TIA)

5 Appropriateness for a 73 Year Old Unknown

View Evidence for Exams

Requested Exam

CT Head or Brain w Contrast

3

Confirm & Order Cancel Order

Appropriate Exams

6

CT Head or Brain wo Contrast

9

Replace & Order

CTA HeadNeck

8

Replace & Order

MRIMRA BrainCarotid w + wo Contrast

8

Replace & Order

CT Cerebral Perfusion Study

6

Replace & Order

MRI Cerebral Perfusion Study

5

Replace & Order

# AUC - Overview Details of Alert Screen

1. Identify most appropriate exam, select **Replace & Order**

ZTEST, AUC INTE Birth Sex: Unknown DOB: 01/JAN/1948 Age: 73 MRN: 4003202490  
OBS

Cancel CT Head or Brain w Contrast

Clinical Decision Support for  
**CT Head or Brain w Contrast**

Search for a Reason for Exam

CVA

Neuro deficit, acute, stroke suspected

Results focused on CVA (5) Reset

- Cerebral hemorrhage suspected
- Dural venous sinus thrombosis suspected
- Neuro deficit, acute, stroke suspected
- Stroke, follow up
- Transient ischemic attack (TIA)

Appropriateness for a 73 Year Old Unknown

View Evidence for Exams  
— Requested Exam —

CT Head or Brain w Contrast  
3  
\$\$\$\$ ☠☠☠☠☠☠☠☠☠☠  
Confirm & Order Cancel Order

— Appropriate Exams —

CT Head or Brain wo Contrast  
9  
\$\$\$\$ ☠☠☠☠☠☠☠☠☠☠  
1 Replace & Order

CTA HeadNeck  
8  
\$\$\$\$ ☠☠☠☠☠☠☠☠☠☠  
Replace & Order

# AUC - Overview Details of Ordering

1. Replaced the order as defined . . .
2. Included the Reason for Exam we selected. . . .
3. Automatically updated the MANDATED AUC details for billing purposes downstream
4. Click **Sign** for order to be officially placed.

Diagnostic Tests 1

CT Head or Brain w/o Contrast Order 2021 8:39 CDT 4/8/2021 8:39 CDT, Stat, Reason: Appropriate Use Criteria, Reason: Neuro deficit, acute, ...

Details for **CT Head or Brain w/o Contrast**

Details Order Comments Diagnoses

+ [Icons]

\*Requested Start Date/Time: 04/08/2021 0839 CDT \*Priority: Stat

Frequency: [Dropdown] \*Reason for exam - DCP: Appropriate Use Criteria

Reason for exam: Neuro deficit, acute, stroke suspec... Consulting physician: [Search]

LMP: [Date] Pregnant:  Yes  No

Transport mode: [Dropdown] Patient has IV:  Yes  No

Patient on O2:  Yes  No Order for future visit:  Yes   No

ABN Status: [Dropdown] ABN Reason: [Dropdown]

2 Reason for exam: Neuro deficit, acute, stroke suspec... AUC DSN: 5798641 AUC Score: 9

AUC Acknowledgement Reason: [Text] AUC Acknowledgement Reason Comment: [Text]

AUC Order Adherence Modifier: [Dropdown] Qualified CDSM Utilized: [Dropdown]

4 Sign

### [Link to Video Process OverView](#)

- Note this video starts with the ordering process specific to the Ambulatory workflow - however, the Alert workflow is the same for Ambulatory vs. Acute



# Questions

For additional training or questions on process during normal business hours please reach out to Clinical Informatics [OneChartapp@viachristi.org](mailto:OneChartapp@viachristi.org) or 316-261-8460

For immediate assistance please call the helpdesk at 316-350-3838

