



NHB CareSelect Clinical Decision Support for Ordering Advanced Imaging Tests
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What is changing? Providers placing Advanced Imaging orders will be presented with the Care Select Clinical Decision Support

Why is it changing? Starting January 1, 2021, Protecting Access to Medicare Act (PAMA)* requires providers to consult appropriate use criteria prior to ordering an advanced diagnostic imaging services.

Who will be affected? NHB Emergency Department MD's, PA's and NP's

When will it change? Wednesday, June 24, 2020

Current State:

Care Select Clinical Decision Support does not present when an Advanced Imaging Order is entered into the Meditech system

Future State:

Upon selecting an order from within Meditech and entering in the reason for exam, the provider is presented with the Decision Support alert window. This window presents indications based on order diagnosis and/or common indications.

If providers do not see an appropriate indication, they can use the search field, upon which the list will disappear in favor of the search results. Like Common Indications, they can clear out the search field or click Reset to see the list again at any time.

* Reason for exam:

* Does patient have a pacemaker?

Comment:

Decision Support for MRI BRAIN W CONTRAST (MRI)

Please select a reason for exam

Indication Search Results

☒ Sort by Rank ☐ Sort A -> Z

- ☐ Headache, uncomplicated
- ☐ Headache, infection-related
- ☐ Head trauma, severe headache
- ☐ Headache, intracranial hemorrhage suspected
- ☐ Headache, secondary, initial exam
- ☐ Headache, new in pregnancy
- ☐ Headache, remote trauma, initial exam

Entity-Department Name: System – Clinical Informatics	Revision Date: 6/1/20
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NHB CareSelect Clinical Decision Support for Ordering Advanced Imaging Tests

Once a provider selects appropriate structure indication, the requested exam, and appropriate exams display.

Decision Support for CT HEAD OR BRAIN W + WO CONTRAST

Please select a reason for exam
Headache

Common Indications (3)

- ☐ Headache, acute, severe, worst HA of life
- ☐ Headache, chronic, neuro deficit
- ☐ Headache, new, meningitis or encephalitis suspected

Other Indications (13)

- ☐ Headache, positional
- ☐ Headache, new, malignancy suspected
- ☐ Headache, post traumatic
- ☐ Headache, temporal arteritis suspected
- ☐ Headache, trigeminal distribution
- ☐ Headache, focal deficit or pupilledema
- ☐ Headache with cough, exertion, or sex
- ☐ Headache, dental or sinus or mastoid
- ☒ Head trauma, headache
- ☐ Headache, chronic, normal neuro exam
- ☐ Headache, sinusitis and/or mastoiditis complication suspected
- ☐ Headache, acute, normal neuro exam
- ☐ Headache, sudden, carotid/vertebral dissection suspected

Appropriateness rankings for a 72 year old Female

Exam	Score	RRL	Cost	Action
CT Head or Brain w + wo Contrast	5	***	\$5	Confirm / Cancel Order
CT Head or Brain wo Contrast	5	***	\$5	Replace
MRI Brain Open Intracranial Proc w + wo	5	***	\$55	Replace
MRI Brain Open Intracranial Proc wo Con	5	***	\$55	Replace
MRI Brain w + wo Contrast	5	***	\$55	Replace
MRI Brain wo Contrast	5	***	\$55	Replace
CT Angiography Head w + wo Contrast	5	***	\$55	Replace
MRA Head w + wo Contrast	5	***	\$55	Replace

The exam selected appears under the header at the top of the list. The alternates appear below it in their own sections, with the Appropriate (Green) exams and May Be Appropriate (Yellow) exams appearing together, and any red scoring exams appearing on their own at the bottom. The images for the score appear showing the maximum length in grey and color bars appear filled in based on their number score. Similarly, icons for relative radiation level (RRL) and relative cost shows in relation to the maximum number of icons that appear, giving clinicians a sense of the scale.

Provider has the option to Confirm & Order the requested exam or Replace & Order selections from the appropriate exams list.

Cannot Find a Match

To guide clinicians towards attempting to find an appropriate indication, the I Can't Find a Match button will be enabled after a search has been initiated. Free Text in the search bar will populate the I Can't Find a Match reason for exam and give providers a chance to modify the text before proceeding. The I Can't Find a Match workflow includes a separate field for comments. This allows providers to comment regarding the Reason for Exam.

Decision Support for MRI BRAIN W CONTRAST (MRI)

Please select a reason for exam
Headache

I can't find a match Cancel MRI BRAIN W CONTRAST (MRI)

Enter a Free Text Indication

Enter a reason for exam*

Enter a free text indication

Why are the displayed indications not satisfactory?

There are no appropriate use criteria associated with free text indications.

Do you wish to proceed?

Yes, Submit Order Cancel