

Portal Guide

Version 1.1 | October 2018

E esriguide@gsi.myesr.org
W www.myesr.org/esriguide
Tw [@ESRiGuide](https://twitter.com/ESRiGuide)

1	Access the ESR iGuide Portal	3
2	Consult AUC.....	3
3	Procedure-driven workflow	4
4	Indication-driven workflow.....	7
5	Dashboard (individually registered users only)	10

1 Access the ESR iGuide Portal

ESR radiologist and radiology resident members can access the ESR iGuide portal via the ESR MyUserArea using their ESR membership account. This does not require an additional registration or separate login. Follow [this link](#) for step-by-step instructions for navigating to the ESR iGuide portal via the MyUserArea.

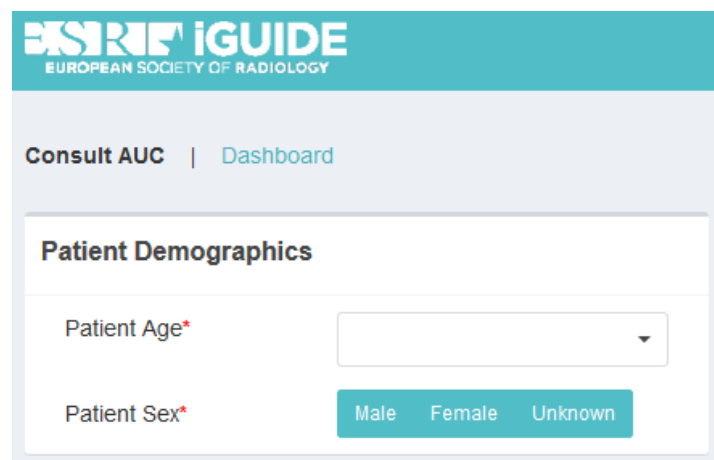
Your browser must accept third party cookies. The application supports the following browsers:

- Internet Explorer 10+
- Chrome
- Firefox

2 Consult AUC

Upon logging in, you can immediately use the Consult Appropriate Use Criteria (AUC) functionality. Consulting the referral guidelines is possible via two workflow options: procedure-driven, starting with the exam you want to request for the patient; or indication-driven, starting with the (suspected) clinical indication or symptoms of the patient.

The initial screen will display fields to enter patient demographics: age (0-110 years) and sex (male/female/unknown). Select the parameters for the patient you wish to request an imaging exam for. Both are required fields.



The screenshot shows the 'Consult AUC' dashboard of the ESR iGuide portal. At the top, there is a teal header with the 'ESRF iGUIDE' logo and 'EUROPEAN SOCIETY OF RADIOLOGY' text. Below the header, the navigation bar shows 'Consult AUC' and 'Dashboard'. The main content area is titled 'Patient Demographics' and contains two input fields: 'Patient Age*' with a dropdown menu and 'Patient Sex*' with three buttons labeled 'Male', 'Female', and 'Unknown'.

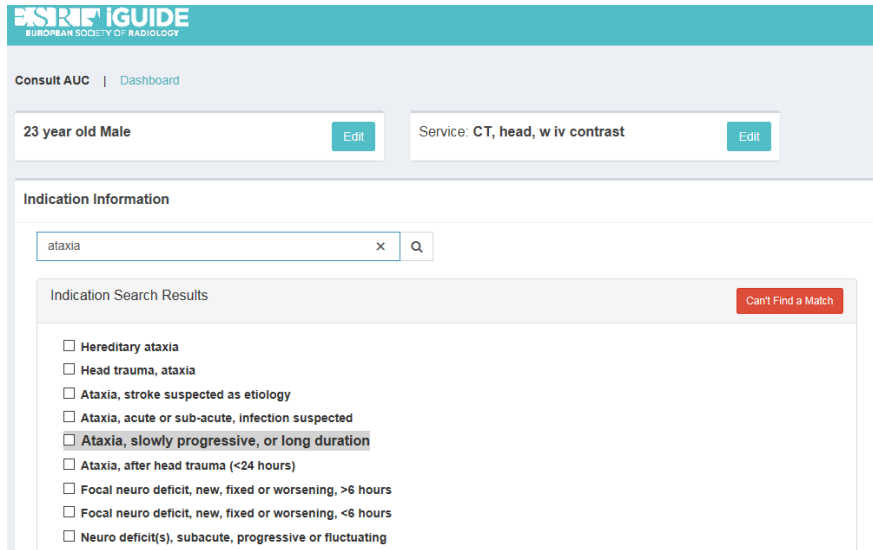
3 Procedure-driven workflow

Upon selecting patient age and sex, the procedure-driven workflow starts. In this workflow, you first select the exam you want to request for the patient. Enter service information by typing at least three characters in the search field to find and select the imaging exam to be requested. To switch to indication-driven mode, click “Skip Service” (for more information on the indication-driven workflow, see chapter 4).

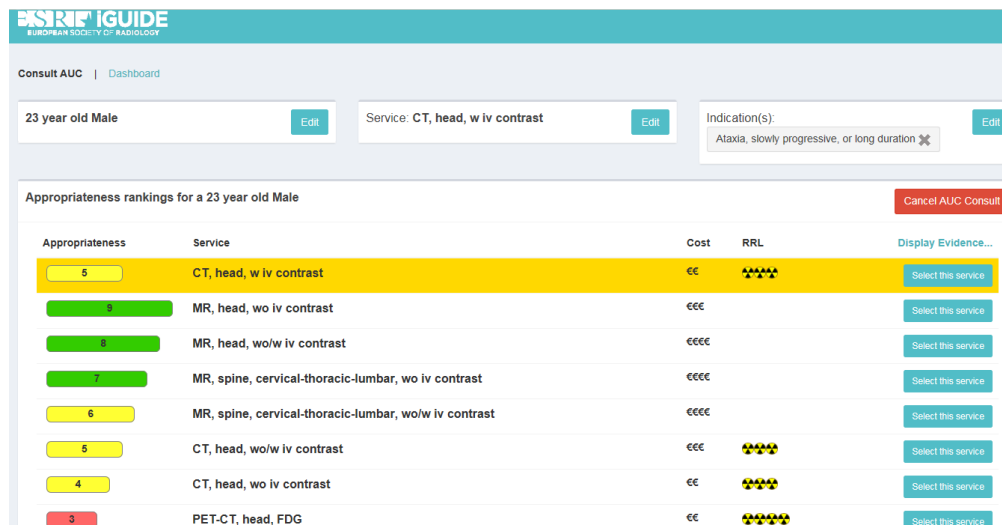
The screenshot shows the ESR iGuide portal interface. At the top, there is a teal header with the text "ESR iGUIDE" and "EUROPEAN SOCIETY OF RADIOLOGY". Below the header, there are navigation links for "Consult AUC" and "Dashboard". A patient information field displays "23 year old Male" with an "Edit" button. The "Service Information" section features a search field containing the text "head", a search icon, and a "Skip Service" button. Below the search field, a list of "Services Search Results" is shown, with the option "CT, head, w iv contrast" selected.

Select the imaging exam you want to request for your patient. Only one exam can be selected. Upon selecting an exam from the list, the “Indication Information” field opens. To change the selected exam, click the “Edit” button in the Service field at the top to return to the “Select Service” window.

Use the “Indication Information” search field to search for the relevant indication using whole words. This search supports synonyms. If you cannot find the indication you want, you can click the “Can’t Find a Match” button to provide feedback and continue with a free text indication.



Once you have selected the relevant clinical indication, appropriateness information for the exam selected in the previous step (at the top of the list, highlighted yellow) will be displayed. The appropriateness feedback window also provides alternative exams to consider for this indication and the defined patient age and sex combination. To change the selected indication or add more indications, click the “Edit” button in the “Indication(s)” field located at the top right.



The rankings display the suggested exams, exam appropriateness ranking, relative cost estimates, and relative radiation level (RRL).

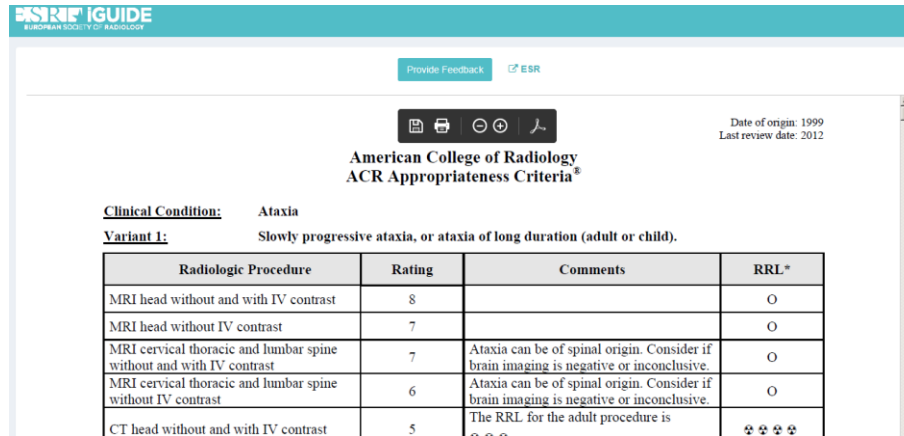
The appropriateness ranking scale is an ordinal scale that uses numbers from 1-9, grouped into three categories:

Usually Not Appropriate (red): 1, 2, or 3

May Be Appropriate (yellow): 4, 5, or 6

Usually Appropriate (green): 7, 8, or 9

You have the option to access the guideline documentation with the “Display Evidence” button. Clicking this button will open a new window with an ACR or ESR PDF document with information on the selected clinical indication.¹



ESR iGUIDE
EUROPEAN SOCIETY OF RADIOLOGUE

Provide Feedback | ESR

Date of origin: 1999
Last review date: 2012

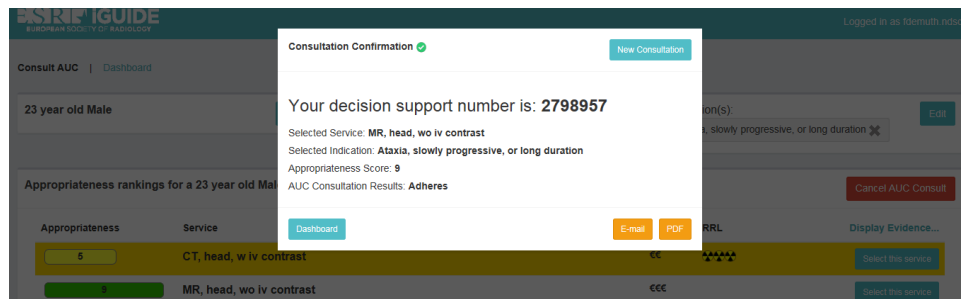
**American College of Radiology
ACR Appropriateness Criteria®**

Clinical Condition: Ataxia
Variant 1: Slowly progressive ataxia, or ataxia of long duration (adult or child).

Radiologic Procedure	Rating	Comments	RRL*
MRI head without and with IV contrast	8		○
MRI head without IV contrast	7		○
MRI cervical thoracic and lumbar spine without and with IV contrast	7	Ataxia can be of spinal origin. Consider if brain imaging is negative or inconclusive.	○
MRI cervical thoracic and lumbar spine without IV contrast	6	Ataxia can be of spinal origin. Consider if brain imaging is negative or inconclusive.	○
CT head without and with IV contrast	5	The RRL for the adult procedure is	☆☆☆☆

The feedback button at the bottom of the appropriateness feedback window will open a new window with the option of sending your feedback to QSI.

Click “Select this service” to choose the exam you consider most appropriate for the patient. Upon selecting an exam, the “Consultation Confirmation” window will be displayed, providing a summary of the CDS session which can be sent to an email address of your choice or downloaded as a PDF document. You also have the options of directly launching a new consultation or returning to the dashboard.



¹ Please note that as of March 2018, ESR iGuide only links directly to ACR Appropriateness Criteria information. ESR Display Evidence documents will be added to all indications where ESR recommendations differ from ACR appropriateness ratings.

The decision support number (DSN) listed in the “Consultation Confirmation” screen is a unique transaction ID assigned for every decision support session. The DSN can be used to verify that decision support criteria have been referenced as part of the referral process. Additionally, if the DSN is entered in the patient record, it can be used as an identifier to link data between another system and ESR iGuide.

4 Indication-driven workflow

If you have selected “Skip Service” in the “Select Service” window, the indication-driven workflow is launched immediately.

Start this workflow by using the search field to search for clinical indications that match the symptom(s) of the patient. This search supports synonyms, so once you have entered a whole word, a list of matches will be displayed. Select an indication from the “Indication Search Results” list.

ESR iGUIDE
EUROPEAN SOCIETY OF RADIOLOGY

Consult AUC | Dashboard

23 year old Male Edit Service: Not Selected Edit

Indication Information

ataxia Q

Indication Search Results

- Hereditary ataxia
- Head trauma, ataxia
- Ataxia, stroke suspected as etiology
- Ataxia, acute or sub-acute, infection suspected
- Ataxia, slowly progressive, or long duration
- Ataxia, after head trauma (<24 hours)
- Focal neuro deficit, new, fixed or worsening, >6 hours
- Focal neuro deficit, new, fixed or worsening, <6 hours
- Headache, chronic, new features or neuro deficit

Upon selecting an indication, the decision support advisory window is displayed with appropriateness information for all exams associated with the selected indication. The rankings display the suggested exams, exam appropriateness ranking, relative cost estimates, and relative radiation level (RRL).

The appropriateness ranking scale is an ordinal scale that uses numbers from 1-9, grouped into three categories:

Usually Not Appropriate (red): 1, 2, or 3
May Be Appropriate (yellow): 4, 5, or 6
Usually Appropriate (green): 7, 8, or 9

To change the selected indication or add more indications, click the “Edit” button in the “Indication(s)” field located at the top right.

The feedback button at the bottom of the appropriateness feedback window will open a new window with the option of sending your feedback to QSI.

ESR iGUIDE
EUROPEAN SOCIETY OF RADIOLOGY

Consult AUC | Dashboard

23 year old Male Edit Service: Not Selected Edit Indication(s): Ataxia, slowly progressive, or long duration Edit

Appropriateness rankings for a 23 year old Male

Appropriateness	Service	Cost	RRL	Display Evidence...
9	MR, head, wo iv contrast	€€€		Select this service
8	MR, head, wo/w iv contrast	€€€€		Select this service
7	MR, spine, cervical-thoracic-lumbar, wo iv contrast	€€€€		Select this service
6	MR, spine, cervical-thoracic-lumbar, wo/w iv contrast	€€€€		Select this service
5	CT, head, w iv contrast	€€	☠☠☠	Select this service
5	CT, head, wo/w iv contrast	€€€	☠☠☠	Select this service
4	CT, head, wo iv contrast	€€	☠☠☠	Select this service
3	PET-CT, head, FDG	€€	☠☠☠☠	Select this service

You have the option to access the guideline documentation with the “Display Evidence” button. Clicking this button will open a new window with an ACR or ESR PDF document with information on the selected clinical indication.²

² Please note that as of March 2018, ESR iGuide only links directly to ACR Appropriateness Criteria information. ESR Display Evidence documents will be added to all indications where ESR recommendations differ from ACR appropriateness ratings.

ESR iGUIDE
EUROPEAN SOCIETY OF RADIOLOGY

Provide Feedback ESR

Date of origin: 1999
Last review date: 2012

American College of Radiology
ACR Appropriateness Criteria®

Clinical Condition: Ataxia
Variant 1: Slowly progressive ataxia, or ataxia of long duration (adult or child).

Radiologic Procedure	Rating	Comments	RRL*
MRI head without and with IV contrast	8		○
MRI head without IV contrast	7		○
MRI cervical thoracic and lumbar spine without and with IV contrast	7	Ataxia can be of spinal origin. Consider if brain imaging is negative or inconclusive.	○
MRI cervical thoracic and lumbar spine without IV contrast	6	Ataxia can be of spinal origin. Consider if brain imaging is negative or inconclusive.	○
CT head without and with IV contrast	5	The RRL for the adult procedure is ☆☆☆	☆☆☆☆

After evaluating the list of exams, select the procedure to request by choosing “Select this service”, and the “Consultation Confirmation” window will be displayed. You then have to option to have the decision support session information sent to an email address of your choice or to save it as a PDF document. You also have the options of directly launching a new consultation or returning to the dashboard.

ESR iGUIDE
EUROPEAN SOCIETY OF RADIOLOGY

Consult AUC | Dashboard

23 year old Male

Appropriateness rankings for a 23 year old Male

Appropriateness Service RRL

8	MR, head, wo/w iv contrast	EEEE	Select this service
7	MR, head, wo iv contrast	EEE	Select this service
7	MR, spine, cervical-thoracic-lumbar, wo/w iv contrast	EEEE	Select this service
6	MR, spine, cervical-thoracic-lumbar, wo iv contrast	EEEE	Select this service
5	CT, head, w iv contrast	EE ☆☆☆	Select this service
5	CT, head, wo/w iv contrast	EE ☆☆☆	Select this service

Consultation Confirmation

Your decision support number is: **2798529**

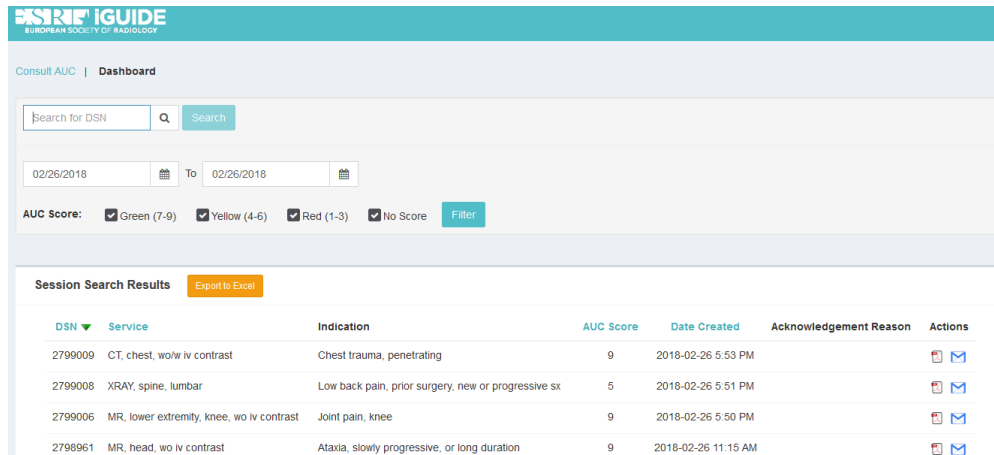
Selected Service: MR, head, wo/w iv contrast
Selected Indication: Ataxia, slowly progressive, or long duration
Appropriateness Score: 8
AUC Consultation Results: Adheres

Dashboard E-mail PDF New Consultation









The decision support number (DSN) listed in the “Consultation Confirmation” screen is a unique transaction ID assigned for every decision support session. The DSN can be used to verify that decision support criteria have been referenced as part of the referral process. Additionally, if the DSN is entered in the patient record, it can be used as an identifier to link data between another system and ESR iGuide.

5 Dashboard (individually registered users only)

In the “Dashboard” screen³, your completed decision support sessions are displayed. The dashboard enables you to search for specific DSNs, and filter options include date ranges and appropriateness scores. The data in your dashboard can be exported as an Excel file with the “Export to Excel” button in the “Session Search Results” field.



The screenshot displays the ESR iGuide Dashboard interface. At the top, the ESR iGUIDE logo and 'EUROPEAN SOCIETY OF RADIOLOGY' are visible. Below the logo, the user is logged in as 'Consult AUC' and is on the 'Dashboard' page. A search bar is present with the placeholder text 'Search for DSN' and a 'Search' button. Below the search bar, there are date range filters set to '02/26/2018' to '02/26/2018'. Underneath the date filters, there are checkboxes for 'AUC Score' with the following options: 'Green (7-9)', 'Yellow (4-6)', 'Red (1-3)', and 'No Score'. A 'Filter' button is located to the right of these checkboxes. The main content area is titled 'Session Search Results' and includes an 'Export to Excel' button. Below this, a table lists search results with columns for DSN, Service, Indication, AUC Score, Date Created, Acknowledgement Reason, and Actions.

DSN	Service	Indication	AUC Score	Date Created	Acknowledgement Reason	Actions
2799009	CT, chest, wo/w iv contrast	Chest trauma, penetrating	9	2018-02-26 5:53 PM		 
2799008	XRAY, spine, lumbar	Low back pain, prior surgery, new or progressive sx	5	2018-02-26 5:51 PM		 
2799006	MR, lower extremity, knee, wo iv contrast	Joint pain, knee	9	2018-02-26 5:50 PM		 
2798961	MR, head, wo iv contrast	Ataxia, slowly progressive, or long duration	9	2018-02-26 11:15 AM		 

³ The Dashboard is only available for subscribed individual users, but for technical reasons not ESR members accessing the portal with a single sign-on integration user via the ESR MyUserArea.