

eClinicalWorks Training: Adding the Patient's Assessment

Utilizing IMO Smart Search:

IMO Smart Search feature was added into the ADI eClinicalWorks database last year in anticipation for ICD-10. The Smart Search tool allows for better problem lists, better charge capture, more accurate billing.

From the Progress Note view, the provider will click into the Assessments section of the note.

The screenshot shows the patient record for 'Test, Nikki (Training), 30 Y, F(T)'. The interface includes a top navigation bar with tabs for 'Progress Notes', 'Scribe', and 'Orders'. A 'Quick Search' box is visible. The 'Past Results' section is expanded to show 'Examination: General Examination (AOSI)' with details on general appearance, skin, neurologic, and extremities. The 'Assessment' section is highlighted with a red arrow, and the 'Assessment:' dropdown menu is open, showing 'Assessment:' as the selected option. Below the assessment section are links for 'Plan:', 'Treatment:', 'Procedures:', 'Immunizations:', and 'Therapeutic Injections:'.

The provider's view should default to the IMO Smart Search window. Providers can use the Smart Search box to search by keyword, abbreviation, or synonym. See examples below.

Searching by keywords "type II diabetes":

The screenshot shows the 'Assessments (Test, Nikki (Training) - 10/26/2016 08:00 AM, NP)' window. The 'Smart Search' section is active, and the search term 'type II diabetes' is entered in the search box. A red arrow points to the search box. The search results are displayed in a table with columns for ICD-9, ICD-10, and Diagnosis. The results include various codes and descriptions for Type 2 diabetes mellitus with different complications.

ICD-9	ICD-10	Diagnosis
250.70	E11.59	Type 2 diabetes mellitus with other circulatory complications
250.00	E11.9	Type II diabetes mellitus
250.50	E11.39	Type 2 diabetes mellitus with other diabetic ophthalmic complication
250.60	E11.41	Type 2 diabetes mellitus with diabetic mononeuropathy
250.30	E11.69	Type II diabetes mellitus with coma
250.32	E11.69	Type 2 diabetes mellitus with other specified complication
250.90	E11.8	Type II diabetes mellitus with complication

Searching by abbreviation "HTN":

The screenshot shows the Smart Search window with the search term "HTN" entered. A red arrow points to the search input field. The results table is as follows:

ICD-9	ICD-10	Diagnosis
401.9	I10	HTN (hypertension)
401.9	I10	HTN (hypertension) with goal to be determined
401.1	I10	HTN (hypertension), benign
401.0	I10	HTN (hypertension), malignant
642.90	016.9	HTN complicating peripregnancy, antepartum
642.00	010.919	HTN in pregnancy, chronic
401.9	I10	HTN, age 0-18

Searching by synonym "stye":

The screenshot shows the Smart Search window with the search term "stye" entered. A red arrow points to the search input field. The results table is as follows:

ICD-9	ICD-10	Diagnosis
373.11	H00.019	Stye
373.11	H00.019	Stye external
373.11	H00.019	Hordeolum externum (stye)
373.11	H00.019	External hordeolum
V19.19	Z83.518	Family history of hordeolum
V13.3	Z87.2	H/O hordeolum
V13.3	Z87.2	History of hordeolum

When utilizing Smart Search window, the provider will see the IMO "bridge" from ICD-9 to ICD-10.

The screenshot shows the Smart Search window with the search term "htn" entered. A red box highlights the ICD-9 and ICD-10 columns of the results table, showing the mapping between the two codes.

ICD-9	ICD-10	Diagnosis
401.9	I10	HTN (hypertension)
401.9	I10	HTN (hypertension) with goal to be determined
401.1	I10	HTN (hypertension), benign
401.0	I10	HTN (hypertension), malignant
642.90	016.9	HTN complicating peripregnancy, antepartum
642.00	010.919	HTN in pregnancy, chronic
401.9	I10	HTN, age 0-18

Since ICD-10 introduced many more diagnosis codes, there may not always be a 1 to 1 match between ICD-9 and ICD-10. In these cases, the provider will be prompted with a blue hyperlink in the ICD-10 column.

The screenshot shows the IMO interface with a search for 'htn'. The table below lists the results:

ICD-9	ICD-10	Diagnosis
401.9	I10	HTN (hypertension)
401.9	I10	HTN (hypertension) with goal to be determined
401.1	I10	HTN (hypertension), benign
401.0	I10	HTN (hypertension), malignant
642.90	O16.9	HTN complicating peripregnancy, antepartum
642.00	O10.919	HTN in pregnancy, chronic
401.9	I10	HTN, age 0-18

Tip: IMO suggests that providers do not search by ICD-9 codes that were unspecified since this can cause an ICD-10 unspecified option to appear.

Select the blue code to prompt the Modifier window. In this scenario the provider will now choose between several options for hypertension to drill down to the correct code for this particular patient and encounter. Then select the ICD-10 option that appears and click “OK”.

The 'Select Modifier' window shows the following options:

- essential hypertension
- secondary to endocrine disorders
- secondary to other renal disorders
- renovascular hypertension
- other secondary hypertension
- unspecified secondary hypertension

The table below shows the selected row:

Select	ICD-9	ICD-10	Diagnosis
<input checked="" type="radio"/>	401.9	I10	Essential hypertension

OK Close

The selected ICD-10 code will now appear in the patient's Assessments window. Repeat for any additional diagnoses and select the "PL" box to add the diagnosis to the patient's problem list.

Assessments (Test, Nikki (Training) - 10/26/2016 08:00 AM, NP)

Pt. Info Encounter Physical Hub

Switch To Classic Search

IMO Use ICD10 Default

Previous Assessments
 Problem List

Smart Search
 Real Time

htn

Did you mean?
-- No Suggestions --

ICD-9	ICD-10	Diagnosis
401.9	I10	HTN (hypertension)
401.9	I10	HTN (hypertension) with goal to be determined
401.1	I10	HTN (hypertension), benign
401.0	I10	HTN (hypertension), malignant
642.90	O16.9	HTN complicating peripregnancy, antepartum
642.00	O10.919	HTN in pregnancy, chronic
401.9	I10	HTN, age 0-18

Selected Assessments

P	<input type="checkbox"/> PL	Code	Diagnosis	Specify	Notes	Risk	Clear
X	<input type="checkbox"/>	I10	Essential hypertension				<input checked="" type="checkbox"/>

Notes

Adding assessments from the patient's Problem List:

For returning patients the provider can add assessments to the current visit from the patient's existing problem list.

From the Assessments window, select the Problem List option.

The screenshot shows the 'Assessments (Test, Nikki (Training) - 10/26/2016 08:00 AM, NP) *' window. On the left, the 'Problem List' radio button is selected and highlighted with a red arrow. The 'Problem List' table is expanded, showing a list of diagnoses with their codes and W/U Status. The 'Selected Assessments' table is currently empty.

Code	Diagnosis	W/U Status
E11.9	Diabetes	confirmed
M54.5	Acute bilateral low back pain without sciatica	confirmed
M54.5	Acute bilateral low back pain, with sciatica presence unspecified	confirmed
M51.26	Low back pain due to displacement of intervertebral disc	confirmed
R10.2	Pelvic and perineal pain	confirmed
F41.1	Generalized anxiety disorder	confirmed
I10	Essential hypertension	confirmed

The patient's complete Problem List will then appear in the top right of the screen. Use the blue arrow to expand the list. Then click the code(s) that apply to the current visit. This will add them into the Selected Assessments area.

The screenshot shows the 'Assessments (Test, Nikki (Training) - 10/26/2016 08:00 AM, NP) *' window. The 'Problem List' table is expanded, and the 'Selected Assessments' table now contains two entries: 'I10 Essential hypertension' and 'E11.9 Diabetes'. Red arrows indicate the selection process: one arrow points to the 'I10' code in the 'Problem List', another points to the 'I10' code in the 'Selected Assessments' table, and a third points to the 'E11.9' code in the 'Selected Assessments' table.

P	PL	Code	Diagnosis	Specify	Notes	Risk	Cle
X	<input checked="" type="checkbox"/>	I10	Essential hypertension				X
	<input checked="" type="checkbox"/>	E11.9	Diabetes				X

Alternatively the provider can use the right side car view to merge items from the Problem List into today's visit.

Click the blue or red arrow to merge.

The screenshot shows a medical software interface. On the left, under 'Assessment:', there is a dropdown menu labeled 'Assessment:' with a yellow carat. On the right, under 'Problem List', there is a list of medical conditions with blue and red arrows next to them, indicating merge options. A large red double-headed arrow points from the assessment area to the problem list.

Merging Assessments forward from previous visits:

Providers can view previous assessments and also merge them forward into the current visit.

Click the yellow carat to the right of the Assessments area.

A close-up of the 'Assessment:' dropdown menu. A red arrow points to the yellow carat on the right side of the dropdown.

In the window that appears, select either your name or All Providers.

The screenshot shows a dialog box titled 'Recent encounters of:'. It has two radio buttons: 'Trusty, Nikki (TrainingALL)' (unchecked) and 'All Providers' (checked). A red arrow points to the 'All Providers' checkbox. Below the radio buttons is a table of recent encounters:

Date	Location	Reason	Provider
10/25/2016	CMG AC	cough	Barnes, Katie E
<input type="checkbox"/> Cough - R05 (Primary)			
10/17/2016	FGE SURGIP	test	Davenport, James R
<input type="checkbox"/> Colon adenomas - D12.6			

At the bottom of the dialog box are three buttons: 'Copy', 'Merge', and 'Cancel'. A 'Show More' button is located at the bottom right of the table area.

Then select the appropriate diagnosis and click Merge at the bottom of the window.

Recent encounters of: Trusty, Nikki (TrainingALL) All Providers

<input type="checkbox"/>	10/25/2016	CMG AC	cough	Barnes, Katie E
<input checked="" type="checkbox"/>	Cough - R05 (Primary)			
<input type="checkbox"/>	10/17/2016	FGE SURGIP	test	Davenport, James R
<input type="checkbox"/>	Colon adenomas - D12.6			

Show More

Copy Merge Cancel

The diagnosis will now be visible in the Assessments section of the current progress note.

Examination:
General Examination (AOSI)
GENERAL APPEARANCE: in no acute distress, well developed, well nourished.
SKIN: no suspicious lesions, warm and dry.
NEUROLOGIC: non-focal motor strength normal upper and lower extremities, sensory exam intact.
EXTREMITIES: no clubbing, cyanosis, or edema.

Assessment:
Assessment:
• Cough - R05 (Primary)

Plan:
[Treatment:](#)
[Procedures:](#)
[Immunizations:](#)
[Therapeutic Injections:](#)
[Diagnostic Imaging:](#)
[Lab Reports:](#)