Isabel - Frequently Asked Questions

Q. What is Isabel and how does it work?
Isabel is a diagnosis checklist tool which helps clinicians broaden their differential diagnosis and recognize a disease at the point of care. Isabel includes more than 6,000 disease presentations by multiple signs and symptoms. The web-based Isabel tool uses the patient's demographics and clinical features to produce a list of possible diagnoses, including time-sensitive "Don't Miss Diagnoses."

Isabel is a software tool (not content) used to determine a likely diagnosis based on symptoms entered. Users enter clinical features including age, gender and symptoms and a result list is presented in order of likelihood of a match to specific conditions. When integrated with DynaMed Plus, results will link directly to relevant DynaMed Plus topics. If not integrated with DynaMed Plus, or there is no relevant DynaMed Plus topic available, the links will go to PubMed.

Q. Is Isabel accessible from mobile devices?
Yes, and fully compatible on all devices; however the device must be connected to the internet. Isabel is not downloadable onto a mobile device.

Q. Is there an iTunes/Android app available for Isabel?
No need to download an app, Isabel is fully compatible on all devices.

On the device go to: https://www.isabelhealthcare.com, save the shortcut to your home screen. Click on the icon – select 'login' and enter your login details, check 'remember me' to save login details.

Q. Are the DynaMed Plus CME and Isabel CME functions integrated?
No, the CME functions of DynaMed Plus and Isabel are not integrated.
The CME functions in *DynaMed Plus* and Isabel are independent of each other, however both are similar in functionality. *DynaMed Plus* allows users to complete a form within a topic and have that form submitted to their CME coordinator who issues the credit. Isabel offers the same type of functionality. Users cannot get actual credits from Isabel but they can capture, print and email what they learned in Isabel to their CME coordinator to issue the credit.

**Q. Has Isabel been interfaced with Electronic Medical Records (EMR)?**

Isabel’s ability to handle natural language / free text makes interfacing with EMR very simple and straightforward. As far as we know Isabel is the only diagnosis decision support system to be interfaced with EMR. Pre-assigned fields (age, gender, presenting/chief complaints, positive findings) in the EMR are defined. Data from these pre-assigned fields are submitted to Isabel (single click on an Isabel button in the EMR) using a secure interface.

Isabel has been successfully interfaced with high profile US EMR systems. The best way forward would be to have diagnosis decision support systems sitting unobtrusively ‘behind the dashboard of the EMR.’ Providers seeking diagnosis support need to click just one button. This has already been achieved - Isabel has been interfaced with NextGen, Cerner and A4 Health Systems and we are in discussions with several hospital based EMR vendors. The interface extracts the data that sits in pre-assigned fields - chief complaints, problem lists, positive clinical features from HPI and assessment and of course the age, gender, etc. The next stage should involve extraction of lab data and prescribed drug list.

**Q. What types of EMR integrations does Isabel support?**

The Isabel diagnosis decision support system can be integrated into EMR and other information systems in a number of ways. The range of deployments includes:

**Deployments using the Isabel User Interface**

- Launching the Isabel site from a button/menu item placed inside of the EMR system, portal, library resource page, etc. This includes auto-login and allows the user to interact with the Isabel tool. In this deployment no data is brought from the EMR into Isabel (Deployed with the T-system emergency department EMR solution, Allscripts Pro)

- Launching Isabel using the HL-7 info-button. In this use case the user launches Isabel by using HL-7 info-button capabilities by hovering over a symptom and selecting the search. The single symptom, age and gender are automatically brought into Isabel and the differential list is generated. The user can manually add other important symptoms and interact with the Isabel system. (Deployed with the EPIC inpatient, ambulatory and ED solutions and will soon be available with Cerner).

- Launching Isabel from within the EMR bringing over multiple symptoms with the age and gender and automatically generating the differential diagnosis list. In this case information is received from the HPI and chief complaint
documentation in the EMR and is sent to Isabel and the differential list is generated automatically for review (deployed with Allscripts Sunrise, GE Centricity and NextGen). This can be done with simple query string, HL-7.

- Launching Isabel from within the EMR bringing over multiple symptoms with the age and gender and automatically generating the differential diagnosis list and then sending selected diagnoses (diagnosis name, SNOMED code and ICD 9/10 code) back to the EMR for inclusion in problem list or working diagnosis list.

Integration Using the Isabel API

- Isabel can be incorporated into an EMR system using the Isabel API which makes available all of the Isabel capabilities in the context of the EMR’s user interface. The Isabel API includes access to all Isabel functionality including access to the knowledge page. Several companies have used the API integration including RightScript, VoiceHIT, Vision (UK EMR), and Lightning Charts ED EMR. All are collecting multiple symptoms in various ways and generating a differential automatically. RightScript has a patient application that allows direct input of symptoms prior to their visit which can feed Isabel and the differential list is on the physician dashboard when the patient arrives. VoiceHIT captures and parses the patient-physician conversation and feeds relevant terms to Isabel.

Q. Does EBSCO sell individual subscriptions to Isabel?

No, EBSCO does not sell individual subscriptions to Isabel. Individual subscribers may contact Isabel support directly at https://www.isabelhealthcare.com/contact-bel-healthcare

For individual subscription pricing information, please see: https://www.isabelhealthcare.com/pricing-rates

See also:

Isabel - User Guide