

EBSCO Health | Isabel



Isabel: The Premier Diagnosis Decision Support Tool

Isabel is used by physicians around the world to help determine or confirm a diagnosis. By entering the information normally captured in a patient workup, physicians are provided with a list of potential diagnoses to help them make an accurate diagnosis quickly and easily at the point-of-care. More than 20 articles highlighting *Isabel's* accuracy, effectiveness, and value have been published in prestigious peer-reviewed journals. *Isabel* integrates with EMRs and with the decision support tools that physicians use every day, helps physicians fulfill continuing education requirements, and provides easy access from mobile devices.

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“A patient was seen recently at our facility. Necrotizing Fasciitis was not considered as a serious possibility. The surgeon used *Isabel* and then went back to the patient and decided to take him to the OR. Surgery not just confirmed the diagnosis but allowed the early debridement. *Isabel probably saved this patient's life.*”

-Terrance R. Borman MD
Medical Director
Mayo Health System's Luther Midelfort
Eau Claire, WI

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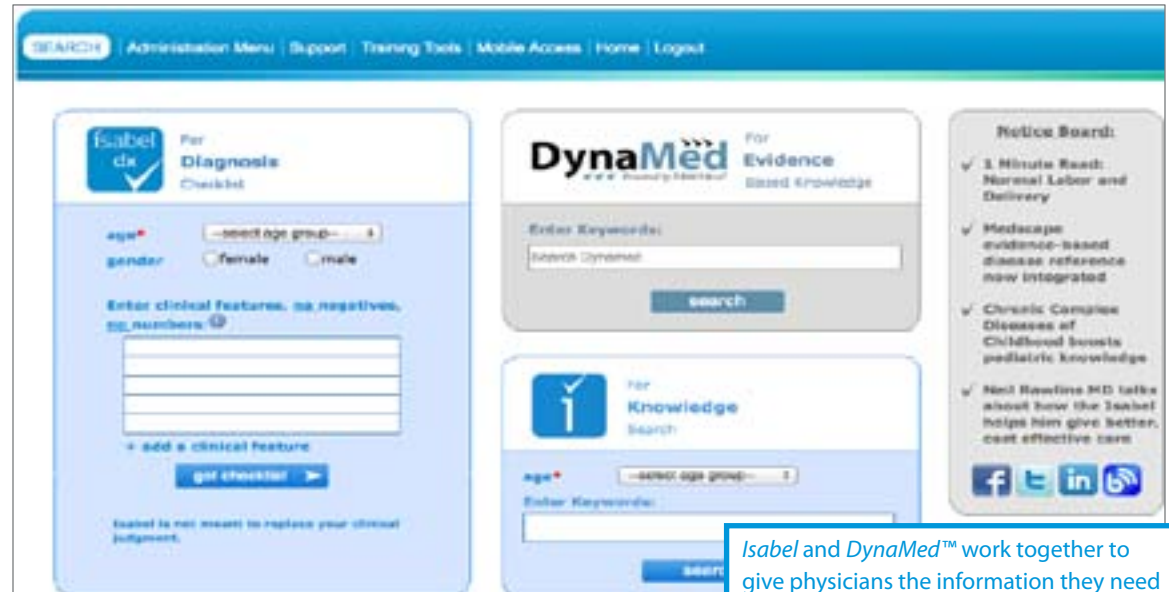
“*I am impressed* with the power of the *Isabel* system to remind physicians of a list of likely diagnoses. *Isabel's* ability to provide diagnosis-specific information very quickly will assist the quality of clinical decision making.”

-Sidney M. Gospe, Jr., M.D., Ph.D.
Head, Division of Neurology
Children's Hospital & Regional Medical Center
Seattle, USA

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“There had been [clinical decision] software products over the years ... but *Isabel* was the *most sophisticated product I had ever seen.*”

-Leslie G. Selbovitz, MD
Senior VP for Medical Affairs & CMO
Partners Newton-Wellesley Hospital interview



Isabel and DynaMed™ work together to give physicians the information they need to provide the best care to their patients.

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“As patient records have moved to electronic forms, *Isabel* has been integrating into these systems. Integration will be critical for the broad adoption of such systems. *Isabel, which uses natural language searchers and a real-time synthesis of medical literature is the best thing I've seen out there.*”

-Robert M. Wachter, MD
Professor and Associate Chairman
Dept. of Medicine, University of California, San Francisco
Chief of the Medical Service UCSF Medical Center
Editor, AHRQ WebM&M and Patient Safety Network
quoted in Journal of Life Sciences

Powerful Benefits make Isabel the right choice

Isabel helps clinicians improve diagnosis quality leading to more cost-effective care through:

- More appropriate tests and referrals
- More appropriate admissions
- Reduced length of stay
- Increased patient satisfaction
- Reduced clinical risk
- Ensuring the appropriateness of care
- Reduced litigation risk
- Supporting medical education and training
- Encouraging review of the latest evidence via *DynaMed*

1 User enters clinical features

2 Potential diagnoses are displayed

3 User selects most likely diagnosis

4 User links directly to the *DynaMed* clinical topic

Isabel Interface: The interface is divided into three main sections: 'enter clinical features', 'synonyms', and 'diagnoses'. Under 'enter clinical features', there are dropdown menus for 'age' (set to 'adult (50-64yrs)') and 'gender' (set to 'male'). A 'Refine search:' section includes 'travel history' (set to 'North America') and 'show me:' options for 'diagnoses', 'causative drugs', and 'bioterrorist agents'. Below this, there are input fields for 'hand edema' and 'hypotension'. The 'diagnoses' section shows a list of potential diagnoses with buttons for 'show 10', 'show all', and 'don't miss'. The list includes: Anaphylaxis (ALLERG), Pulmonary Edema (RESP), Rocky Mountain Spotted Fever (INFE), Hand Abscess (ORTHO), Amyloidosis (RHEUM), Hypotensive Disorders (CARDIO), Renal Failure (NEPHRO), Pulmonary Thromboembolism (RESP), Pulmonary Embolism and Infarction (RESP), Waterhouse-Friderichsen Syndrome (ENDO), and Adrenal Neoplasms (ENDO).

DynaMed Interface: The DynaMed interface shows a sidebar with a navigation menu including 'Related Summaries', 'General Information', 'Causes and Risk Factors', 'Complications and Associated Conditions', 'History and Physical', 'History', 'Physical', 'General physical', and 'Prognosis'. The main content area is titled 'Anaphylaxis' and contains a 'Physical:' section with 'General physical:' sub-section. The text includes: 'anaphylaxis and anaphylactoid reaction have identical clinical presentations⁽¹⁾', 'evaluation should include⁽¹⁾' with sub-points for 'level of consciousness (may be impaired with hypoxia)', 'airway assessment' (dysphonia, wheezing or stridor, cough, dyspnea), 'cardiovascular assessment (hypotension, cardiac arrhythmias)', and 'skin assessment' (diffuse or localized erythema, pruritus, urticaria and/or angioedema). It also mentions 'defining hypotension in children for diagnostic purposes in anaphylaxis⁽¹⁾' and 'Defining Hypotension in Children:'.

Isabel and *DynaMed*'s integration provide a powerful combination of differential diagnosis support backed by the most current clinical evidence about diseases, drugs, and treatments.

Contact for more information

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