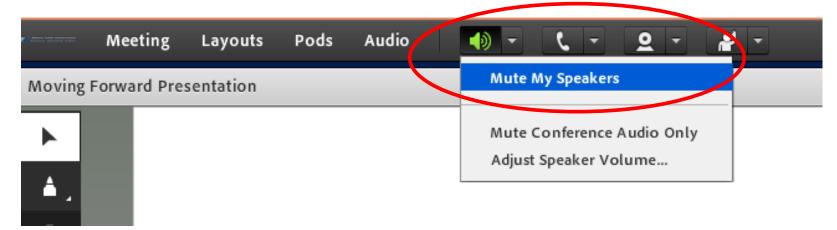
## Please remember to mute your speakers.



## VA Mobile Discussion Series

For audio, please dial in using VANTS: 1-800-767-1750 pc: 32523#

Thank you for joining, we will begin shortly.





# "Nearly every person will experience a diagnostic error in their lifetime"

**INSTITUTE OF MEDICINE SEPT 2015** 



**Goal 3:** Ensure that health information technologies support patients and health care professionals in the diagnostic process.

**INSTITUTE OF MEDICINE SEPT 2015** 

## **Diagnostic Error**

AN EPIDEMIC IGNORED

#### A Physician's Typical Day

Each patient 10:05AM fainting spells is different 11:10 AM chest pain Average number of patient visits 1:15PM breathing difficulty per day 2:10pm heartburn 3:00pm depression 3:50pm diarrhea 4:30PM flank pain 4:50pm fever 9:40AM cough 5:30pm dizziness 10:35<sub>AM</sub> headache 11:40AM burn 1:45PM back pain 2:35PM vomiting Premature Closure: Diagnosis 3:25PM sore throat was first to come to mind, did 4:20PM arm pain not consider other possible diagnoses and failed to take a 5:10PM anxiety detailed patient history.

Percentage of visits involving a diagnostic question

**ERROR** 

Diagnosed benign positional vertigo, missed cerebellar stroke.

**Anchoring Error:** 

Locked in on a diagnosis based on initial symptoms and failed to adjust.



ERROR

Diagnosed tension

headache, did not

realize workplace

carbon monoxide.

exposure to

# VisualDx is Changing the Paradigm 20th Century Memory oriented Unaided decisions Manuals in white coat Model "roundsmanship" Hide doubt from patients 21st Century **Process** oriented **Assisted** decisions Smartphones in white coat Model information acquisition Shared decision-making

visualDx.

## Speed is a necessity. Accuracy is essential.

When providers are unsure of a diagnosis, VisualDx is the go-to tool for fast, accurate support. Quickly build a differential to evaluate the possibilities, compare variations, and improve diagnostic accuracy at the point of care.



**Tackle Challenging Diagnoses**. Build a custom differential across general medicine in seconds. Compare variations of disease to solve complex presentations.



Fastest Second Opinion. With VisualDx, get access to specialty level knowledge at the point of care.



**World's best image library.** With over 40,000 images in VisualDx, be equipped to solve challenging patient presentations.





## Providers See the Difference with VisualDx



A survey and data analysis showed clinicians saving up to **26 minutes** per day when using VisualDx.



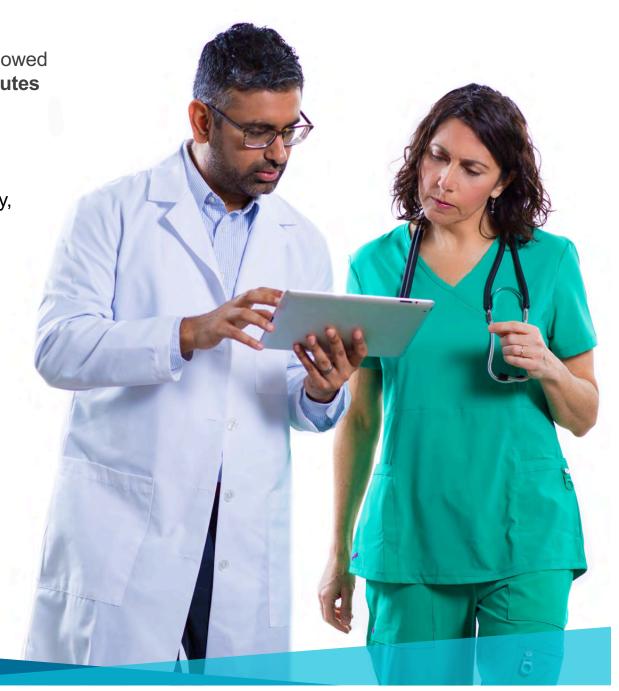
In a randomized, blinded study, VisualDx improved diagnostic accuracy more than **120%** compared with standard textbooks and atlases.



**97%** of physicians believe using VisualDx improved patient care.

Source: 2013 survey of 468 VisualDx institutional users





## The Leader in Clinical Decision Support



**2011-2015.** Five time KLAS category leader for clinical decision support.



U.S. installs of VisualDx. Licensed by over 50% of U.S. academic medical centers.



Patented search technology. Search by chief complaint, diagnosis, or medication.

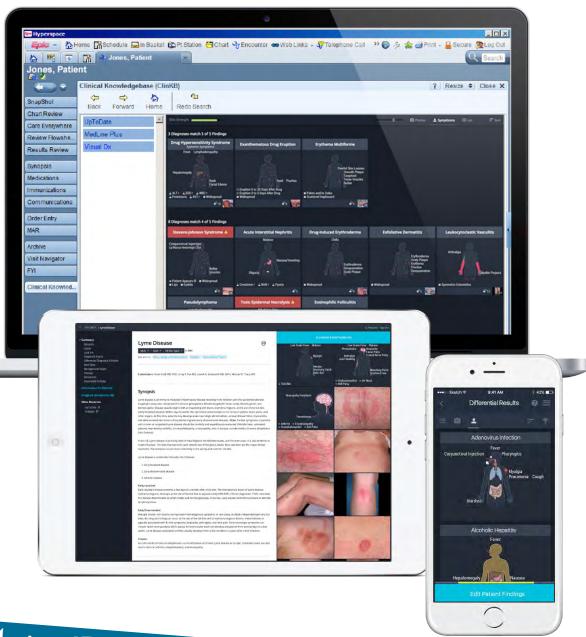


International excellence. Installed in over 1500 hospitals and large clinics in the U.S. and globally.





#### VisualDx in the Workflow



- Web-based access via any modern browser. No installation required. Customers deployed in days or hours, not weeks.
- Mobile access included.
- Interoperable with leading health information resources including UpToDate and Lexicomp.
- Integrated into top E-record systems (HL-7, FHIR, shared APIs).



### The Value of VisualDx

#### Speed and Accuracy Through Visualization

#### **Text-based Analysis**

- Fever
- Multiple skin lesions
- Developed acutely over days to weeks
- Patient appears ill
- Malaise
- Travel to El Salvador
- Mosquito exposure

#### **Visual Pattern Recognition**

Results shown in Sympticon<sup>™</sup> format in VisualDx:









## The Value of VisualDx



**Guided workups**. Narrow the differential based on questions related to the chief complaint.

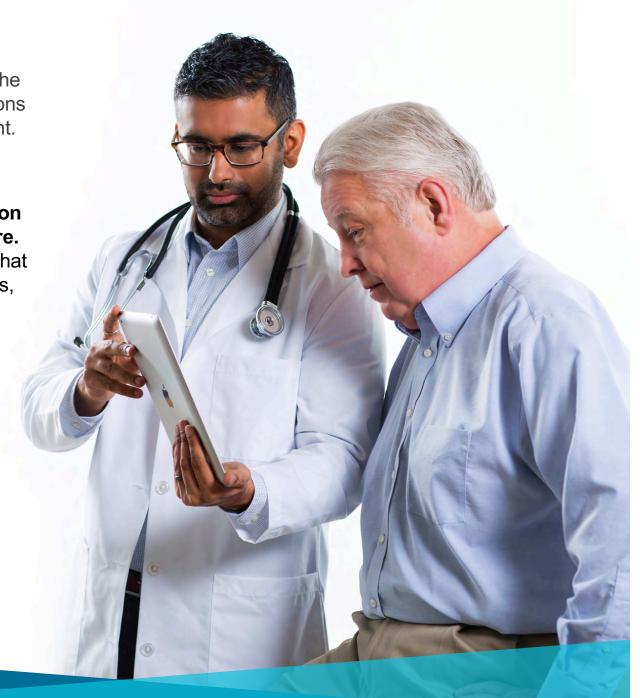


Concise clinical information written for the point of care. Expert, peer-reviewed text that includes synopsis, best tests, and therapy options.



**Engage with patients.** 

Share images and disease information to build confidence in the decision-making process.







## Thank you!

What future topics would you like to discuss?

Let us know by providing feedback at the link below:

https://www.surveymonkey.com/r/DRSM6W2