

# The Value of VisualDx

QUALITY CARE BEGINS WITH AN ACCURATE DIAGNOSIS

## EFFICIENCY<sup>1</sup>

**14** min

Time saved by MDs each day



**19** min

Time saved by PAs each day



**26** min

Time saved by NPs each day

## ACCURACY

Increase of **19%**

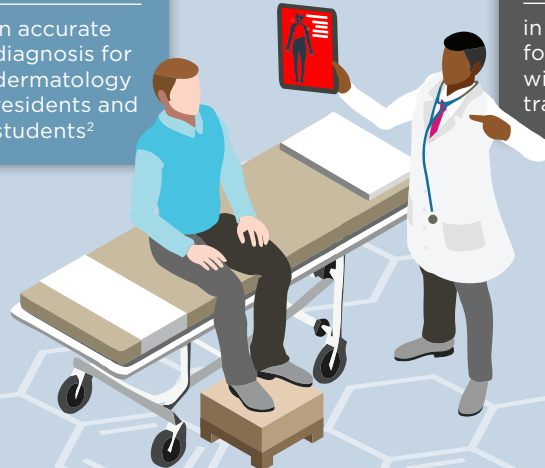
in accurate diagnosis for dermatology residents and students<sup>2</sup>

Increase of **120%**

in accurate diagnosis for non-dermatologists with just 4 minutes of training on VisualDx<sup>3</sup>

Increase of **34%**

in accurate diagnosis for general practitioners<sup>4</sup>



## IN PRACTICE

**Medical student diagnosed a herpes infection in a toddler's eye.** The story was highlighted in *The New York Times Magazine*, "Thanks to VisualDx, my niece was treated and avoided a fate of corneal scarring or lifelong blindness." — Amber Bard, Medical Student

**Doctor diagnosed a toddler with acute meningococemia using images in VisualDx.** "The direct comparison of meningococcal and streptococcal images with VisualDx underscored the urgency of the situation and assisted in a timely and accurate diagnosis." — Submitted to VisualDx by Dr. William Finn, Emergency Medicine Physician



**Doctor diagnosed early disseminated Lyme disease in an adult.** "Thanks to VisualDx providing me real-time clinical information, I was able to make the proper diagnosis in a timely manner and get the patient on his way to a healthy recovery." — Submitted to VisualDx by Dr. Lincoln Heath, Family Medicine Resident

## REDUCE COSTS<sup>5</sup>

**Without** VisualDx, ED physicians included the correct diagnosis in their differential for cellulitis

**14%**  
of the time

**With** VisualDx, ED physicians included the correct diagnosis in their differential for cellulitis

**64%**  
of the time

Cellulitis dx has an error rate of

**30%**

resulting in **\$1.3 billion** in unnecessary costs in U.S.



References: 1. Based on a 2013 survey of 468 VisualDx users. 2. Chou W, Tien P, Lin F, Chiu PC. Application of visually based, computerised diagnostic decision support system in dermatological medical education: a pilot study. *Postgrad Med J.* 2017 May;93(1099):256-259. 3. Papier A, Allen E, McDermott M. Visual informatics: real-time visual decision support. Poster presented at: American Medical Informatics Association 2001 Annual Symposium; November 3-7, 2001; Washington, DC. 4. Breitbart EW, Choudhury K, Bunde H, et al; Association of Dermatological Prevention, LEO Innovation Lab. Impact of a computer-based differential diagnosis tool on patient satisfaction and on the diagnostic accuracy of skin conditions. Initiative Gesundheitsindustrie Hessen. <http://gesundheitsindustrie-hessen.de/wp-content/uploads/2017/11/Abstract-LEO.pdf>. Accessed 30 Jan 2018. 5. David CV, Chira S, Eells SJ, et al. Diagnostic accuracy in patients admitted to hospitals with cellulitis. *Dermatol Online J.* 2011 Mar 15;17(3):1.