

The Value of VisualDx

QUALITY CARE BEGINS WITH AN ACCURATE DIAGNOSIS



ACCURACY

19%

Increase of 19% in accurate diagnosis for dermatology residents and students¹ their corresponding illnesses.

120%

Increase of 120% in accurate diagnosis for non-dermatologists with just 4 minutes of training on VisualDx²

34%

Increase of 19% in accurate diagnosis for general practitioners³

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



EFFICIENCY

Time saved by MDs each day **14 MIN**

Time saved by PAs each day **26 MIN**

Time saved by NPs each day **19 MIN**

REDUCE COSTS⁴

14% of the time

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

64% of the time

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

Cellulitis dx has an error rate of **30%** resulting in **\$1.3 billion** in unnecessary costs in U.S.

References: 1. 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. 2. 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. 3. 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. 4. 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.