VisualDx Plus DermExpert helps to personalize differential results using an image of the patient's rash or lesion to start the differential builder process.

Case Info:
13-year-old boy sees family physician with a lesion on his abdomen that he developed the past week. Does not itch, but he does have a low grade fever.

1. Get started
Select the camera icon on the main screen OR in the dermatology quick start.
2. Take a photo of the patient
Take a photo of the patient at the point of care OR load a photo taken previously by clicking on the lower left image to load an image from your camera roll.

TIP: Make sure the lesion is close enough, well-lit, and in focus.

3. Analyze the photo
Click Use This Photo to begin a quick analysis of the photo using Apple’s Core ML (machine learning). The photo is analyzed to determine the morphology/lesion type.

4. Select the lesion type
DermExpert presents three possible lesion matches, indicating the strength of the recommendation with a color bar above the lesion example. Red = lower strength; Green = higher strength. Choose the best match and continue or overrule the choices by clicking Select different lesion type.

5. Select patient demographics
Select male, 13-19 years old under patient info. Then choose the back < to continue.
6. Enter additional findings

A. Select **single skin lesion**.

B. Select **abdomen** as location of skin finding.

C. Select **fever** under symptoms/signs.

D. Select **developed acutely** under onset of findings. Note the strength indicators at the bottom indicate the findings matches.

7. Get your results

Select **view results**.

8. See the differential

Select **Lyme Disease**.
9. Review clinical information and images

A. Review a synopsis, diagnostic pearls, therapy, and more.

B. Select images to view all the images available for the diagnosis.

C. Select patient handout in English or Spanish to share info with your patient.