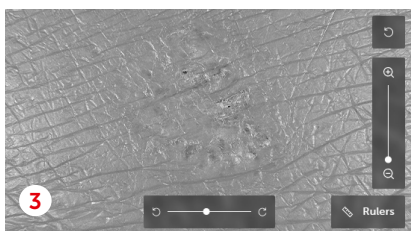
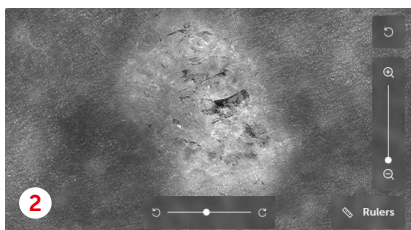
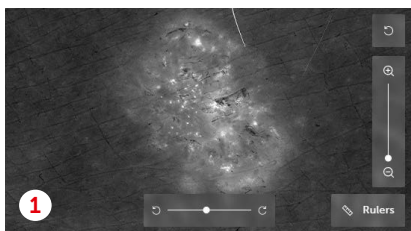


Skin Parameter Maps

Multispectral dermoscopy reveals more clinical details



What is multispectral imaging?

Whereas a traditional dermatoscope illuminates the skin with white light only, the Demetra Scope additionally captures a complete set of multispectral images, all in one go. These are acquired through a set of light sources with different wavelengths. The main skin chromophores, such as pigment or blood, absorb each of those wavelengths in a different way, which is referred to as their "spectral signature". Based on the known spectral signature of the main skin chromophores, the relative concentration of those substances can be shown in the resulting 2-dimensional maps.

Three types of Skin Parameter Maps

1. The **Pigment Contrast Map** visualizes the pigment in the skin by highlighting areas with a higher relative concentration of pigment, such as melanin.
2. The **Blood Contrast Map** reveals the presence of blood vessels in skin lesions and their morphology by highlighting areas with a higher relative concentration of blood.
3. The **Scatter Contrast Map** provides additional information to dermoscopy by highlighting surface contours.

M00914-R03-0621-LF

Caution (USA): Federal law restricts this device to sale by or on the order of a physician. (Details & exemptions are in the Code of Federal Regulations Title 21, 801 Part D).