

### ApolloVue® S100 Specifications

OCT Axial resolution	1.3 $\mu\text{m}$
OCT Lateral resolution	1 $\mu\text{m}$
Field of view ( <i>en face</i> )	500 $\mu\text{m}$ x 500 $\mu\text{m}$
Field of view (B-scan)	500 $\mu\text{m}$ (width) x 400 $\mu\text{m}$ (depth)
OCT <i>en face</i> frame rate	15 Hz (maximum)
Fast B-scan interval	< 0.8 s
Spectral range	650~850 nm
Light output power	< 15 mW
Weight	108 kg
Size	800 x 800 x 1600 (mm)

# See to Cure

ApolloVue® S100 Image System



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# Cellular Resolution

optical coherence tomography

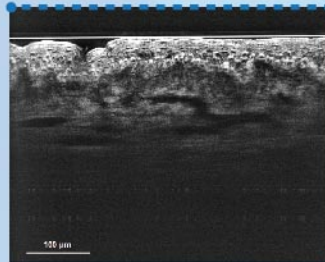


In addition to switching to different modes, physicians can also save images and adjust focus and position.

## B-scan

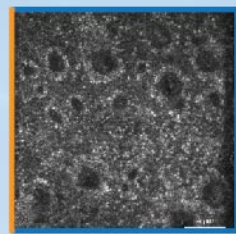
Cross-sectional image

Generate real-time cross-sectional images with quasi-histological resolution

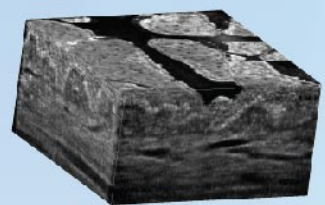


## E-scan

En face image



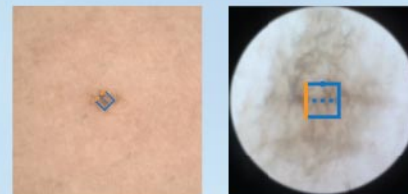
Fast lateral exploration and skin mapping



3D image (C-scan)

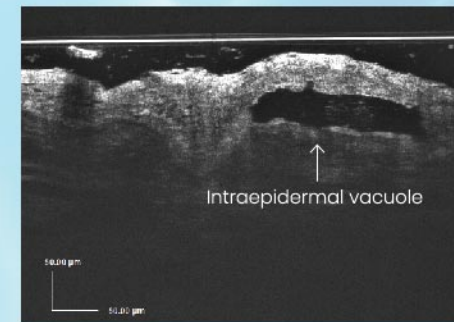
## Image guiding

Through image registration, physicians can correlate OCT images to skin surface, manage and monitor skin lesions over time.

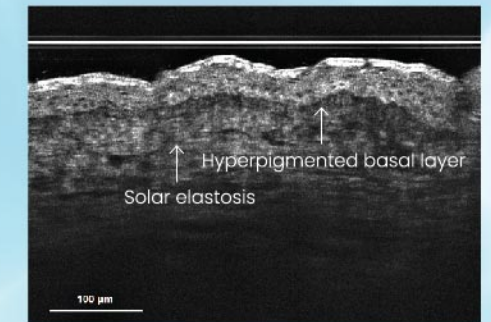


# Clinical Applications

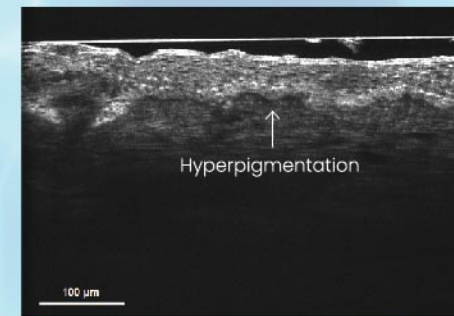
## Aesthetic medicine



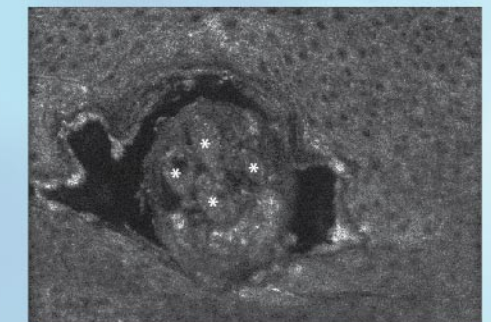
Laser-induced optical breakdown (LIOB)



Melasma

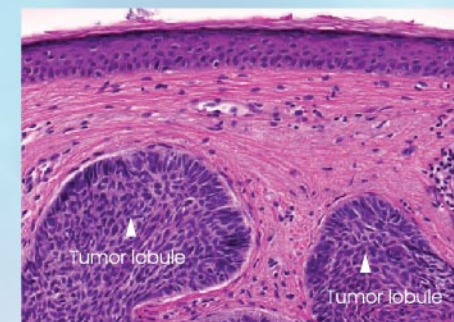


Solar lentigo

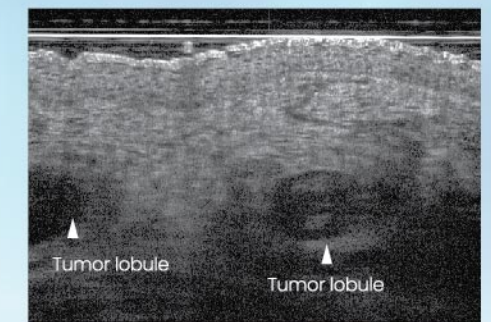


Demodex (en face)

## Skin cancer



Basal-cell carcinoma (BCC) - Histopathology



Basal-cell carcinoma (BCC)