

# Vevo MD: why seeing more matters

Fujifilm VisualSonics has designed Vevo MD, the world's first ultra high-frequency ultrasound imaging system that uses cutting edge technology to allow health professionals to visualise tiny anatomy that is not visible using conventional ultrasound. It is useful for imaging neonatal patients, using on tiny lesions or looking at subtle changes in blood flow. The system can be used for neonatology and paediatrics, vascular assessment, visualising anatomy such as nerves, thyroids and lymph nodes, musculoskeletal imaging and dermatology.

Valentina Dini, assistant professor at the department of dermatology, University of Pisa, says the ultrasound system they usually use has a lower frequency of 20 MHz. In contrast, the Vevo MD has higher frequency and therefore can analyse the epidermis, dermis and structure of the skin, in particular follicles and small vessels in the dermis.

According to Dr Dini, one application for this new product is for wounds and tissue repair. Using this device, health professionals are able to look at the wound edges and the structure of



Valentina Dini: quality of the images is very innovative

the wound bed. This can allow health professionals to 'differentiate more clearly between granulation tissue and devitalised tissue', she says.

Dini explained that: 'The device can be used across several dermatological fields including inflammatory skin diseases such as psoriasis and atopic dermatitis, and the images produced allow health professionals to monitor skin alteration. The device could also be useful for differential

diagnoses between benign lesions and melanoma.

'The quality of the images produced by Vevo MD is very innovative in its field,' concluded Dini.

To find out more about **Vevo MD**, visit the **Fujifilm VisualSonics** team at stand **28** and **[www.visualsonics.com](http://www.visualsonics.com)**

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