The new CariVu™, a compact, portable caries detection device, is creating quite a buzz here at the CDA Presents. If you have yet to stop by the DEXIS booth, No. 1656, to see this new product, then you owe it to yourself to take a look today.

DEXIS CariVu uses unique, patented transillumination technology to provide the ability to easily detect a range of carious lesions (occlusal, interproximal, recurrent) and cracks. This new system employs near-infrared light, which, in images, turns the natural tooth transparent and the caries dark, similar to radiographs, thus making it a view that is familiar to clinicians.

Not only are CariVu images easy to read and understand, they are captured and stored with the patient’s other images in the DEXIS software. Because all intra-oral X-rays, camera and CariVu images for the select tooth appear side-by-side, the clinician can quickly compare them to make a diagnosis and decide on a course of treatment.

These images can also be shared with patients so they may better understand the need for preventive or restorative care.

The technology behind CariVu offers an advantage in diagnosis of caries over systems that rely on fluorescence reactions, which are typically denoted by colors or numeric values.

In laboratory testing, this new transillumination device showed the view of the lesions on the images correlated well with their actual physical conditions.

With CariVu, the dentist therefore gains a more accurate view of the actual carious lesion’s shape and size, not just an indication of the presence of decay.

Be sure to get your hands on CariVu in the DEXIS booth, No. 1656.

Tell us what you think!

Do you have general comments or criticism you would like to share? Is there a particular topic you would like to see articles about in today? Let us know by e-mailing feedback@dental-tribune.com.