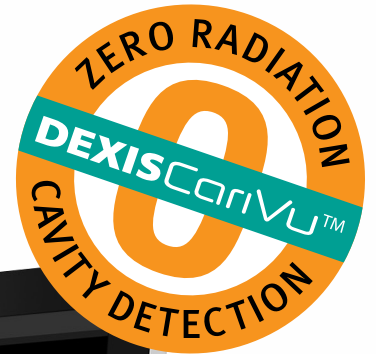
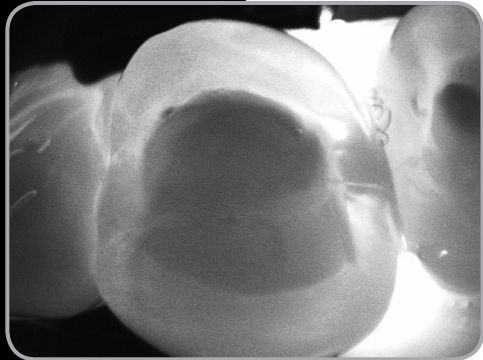
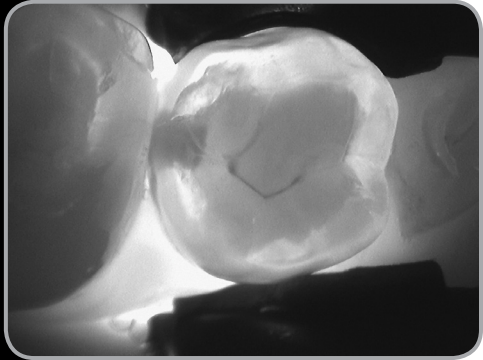
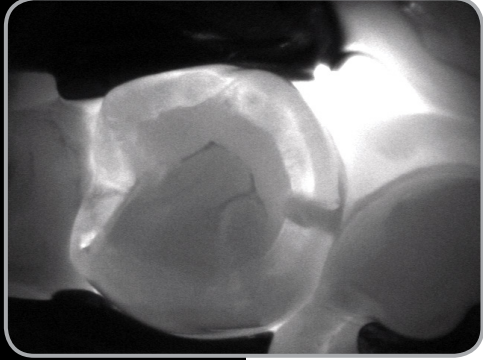


# DEXISCarivU

*Transilluminating Intra-oral Caries Detection*



*A Safe Alternative.*



# DEXIS CariVu™ is a brilliant new approach to caries detection.

DEXIS CariVu™ is a compact, portable caries detection device that uses patented transillumination technology to support the identification of occlusal, interproximal and recurrent carious lesions and cracks. CariVu continues in the long DEXIS tradition of providing intuitive, easy-to-use diagnostic tools for the dental community.

By hugging the tooth and bathing it in safe, near-infrared light, CariVu's transillumination technology makes the enamel appear transparent while porous lesions trap and absorb the light. This allows the clinician to see through the tooth exposing its structure and the actual structure of any carious lesions with very high accuracy.

Similar in appearance, CariVu images read like familiar X-ray images — lesions will appear as dark areas. This provides an edge over fluorescent imaging technologies in that there is no need to clean the tooth of bacteria, calibrate the device or become versed in the meaning of multiple color codes or numeric indicators.

*Brilliant integration with the DEXIS software makes the CariVu workflow a simple one. It's a breeze to compare the CariVu image in the current session with its historical and intra-oral X-ray and camera counterparts.*

Think of the DEXIS digital X-ray sensor and CariVu as ultimate companion tools for caries detection. If you identify a suspicious area on a radiograph, especially possible interproximal decay which can be more difficult to detect, your "second opinion" can be a transilluminated image that reveals the extent of the condition and helps you confidently determine whether it needs monitoring over time or requires immediate treatment.

Since transillumination can show lesions in the beginning stages, using CariVu during routine prophylaxis can aid the hygienist in identifying questionable areas early on and decide on a course of preventive care.

When used together, a radiograph, a transilluminated image and an intra-oral photo provide a comprehensive picture of the health of a patient's tooth. Finally, for those patients who refuse to have X-rays taken, CariVu is an alternative diagnostic method with which they can be comfortable.



*A simple tap of a button on the handpiece freezes the image; a tap and hold saves it. The device powers off automatically when set in its holder.*



# Focus on Confidence.

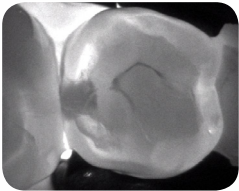
From remarkable image quality and award-winning hardware to dedicated training and knowledgeable support, DEXIS strives to boost your confidence in the systems and images you use daily to diagnose, educate, and treat.

*DEXIS provides you with a comprehensive visual narrative of the patient's oral health by offering three distinct imaging modalities.*



### DEXIS™ Platinum Digital X-rays

The award-winning DEXIS Platinum Digital X-ray System<sup>1</sup> is the easiest to use, the most comfortable for the patient, and offers the best and most consistent images — even at low doses.<sup>2</sup>



### DEXIS™ CariVu™ Transilluminated Images

Using Near-infrared Transillumination technology, CariVu images support the identification of occlusal, recurrent, and interproximal caries and cracks. The system offers 99% accuracy<sup>3</sup>, and in some cases, offers an alternative to bitewing radiographs.<sup>4</sup>



### DEXcam™ 4 HD Intra-oral Camera Images

Used for diagnosis, education, and collaboration, the images from the DEXcam 4 HD are clear and highly detailed, and the camera is easy to use, reliable, and portable.



*Experience the enlightening technology of CariVu™ caries detection.  
Call 1-888-883-3947 today!*

# DEXIS™

DEXIS, LLC

1910 North Penn Road, Hatfield, PA 19440  
1-888-883-3947 • [www.dexis.com](http://www.dexis.com)

<sup>1</sup> For DEXcam, CariVu and DEXIS Platinum Sensor Indications for Use visit [www.dexis.com/ifu](http://www.dexis.com/ifu). <sup>2</sup> Data on file: DEXIS Sensor Competitive Performance Study and DEXIS Sensor Clinical Evaluation Report. <sup>3</sup> Kühnisch J. Benefits of the DIAGNOcam Procedure for the Detection and Diagnosis of Caries [study project]. Munich: Ludwig Maximilian University of Munich; 2013. <sup>4</sup> Söchtig, F, et al. Caries detection and diagnostics with near-infrared light transillumination: Clinical experiences. Quintessence Int. 2014;45:531-538.