Brilliant technology for diagnostics: KaVo DIAGNOcam: A new look at caries

By KAIV

With the introduction of the caries diagnosis device DIAGNOdent 15 years ago and more than 60,000 devices sold, KaVo has set a new standard in caries detection. We are now combining this great success with the new DIAGNOcam and is thereby setting new standards in caries diagnostics. The new KaVo DIAGNOcam is the first camera system that uses the tooth's structure to verify caries diagnosis. To do this, the tooth is transilluminated utilizing light of a specific wavelength and used like a light conductor. A digital video camera records the image and displays it live on a computer screen. Curious lesions are displayed as dark shadows. The images recorded by the KaVo DIAGNOcam can be stored, thus significantly simplifying monitoring and patient communication.

With its DIFOTI technology (Digital Imaging Fiberoptic Transillumination), DIAGNOcam offers high diagnostic safety which is comparable or superior to X-ray diagnosis in many cases, in particular with regard to approximal and occlusal caries. Furthermore, it is possible to show certain kinds of secondary caries and cracks. The X-ray free device thereby allows early and very gentle caries detection. Compared to other methods, the clinical significance is not distorted through plaque deposits.

Because of its easy handling, the device can quickly be integrated in existing routines, thereby resulting in a distinct added value in terms of patient motivation and information.

Experience the next generation of caries detection with the KaVo DIAGNOcam.