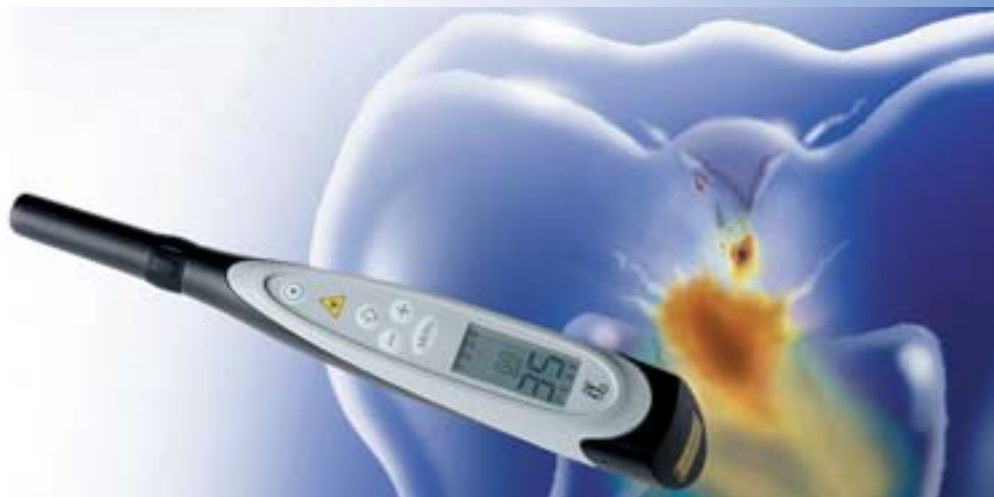


KaVo DIAGNOdent® pen.



Find caries wherever it is hiding.



KaVo. Dental Excellence.

KaVo DIAGNOdent® pen.

# Find caries wherever they are hiding.

**From now on, hidden caries will be a thing of the past.**

Caries that are not visible to the eye are often hidden inside teeth that appear healthy on the surface and cannot be detected using traditional methods of diagnosis.

However, these caries don't fool the KaVo DIAGNOdent pen.

**Improve your sensor technology.**

KaVo DIAGNOdent pen works on the basis of the differing fluorescence between healthy and diseased tooth substance. As a result, it is able to reliably detect even the tiniest of lesions – without requiring X-rays.

Healthy tooth substance preserved – there's no probing, no scraping and no damage.

**This benefits both you and your patients.**

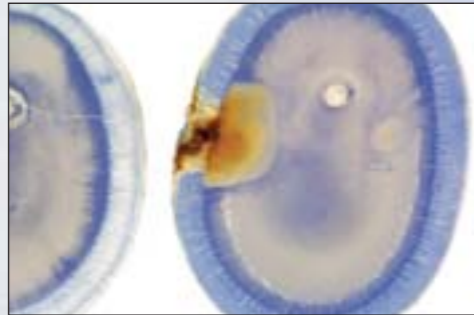
**Firstly**, it's the handiest and most reliable form of caries detection around. And it's cordless, offering complete mobility.

**Secondly**, it offers a complete diagnosis – both occlusally and interdentally.

**Thirdly**, early caries detection enables pain-free, minimally invasive treatment to be carried out.

**Fourthly**, by catching and treating caries in time, you can treat teeth conservatively – and keep your patients coming back.

**Fifthly**, its audio-digital screen instils confidence in your patients.



Reliable in the interdental space.



Gold standard for fissures.

Reliable in the occlusal surfaces.



KaVo DIAGNOdent® pen.

## Gold standard for fissures.

The KaVo DIAGNOdent pen has a much greater success rate than conventional diagnosis methods.

Medical studies have shown: no other method – be it visual, probe-based or X-ray based – has proven as precise or reliable in the detection of caries. Even when there is no visible cavity there. It has a 90% success rate in detecting caries.

The DIAGNOdent laser fluorescence method has therefore been scientifically-recognised as the gold standard in the area of occlusal fissures.

Accompanying studies completed by Prof. Lussi, in Bern, have proven that the new DIAGNOdent pen has the same level of sensitivity and precision as the existing KaVo DIAGNOdent device. It also uses a similar classification and interpretation approach for the DIAGNOdent readings.

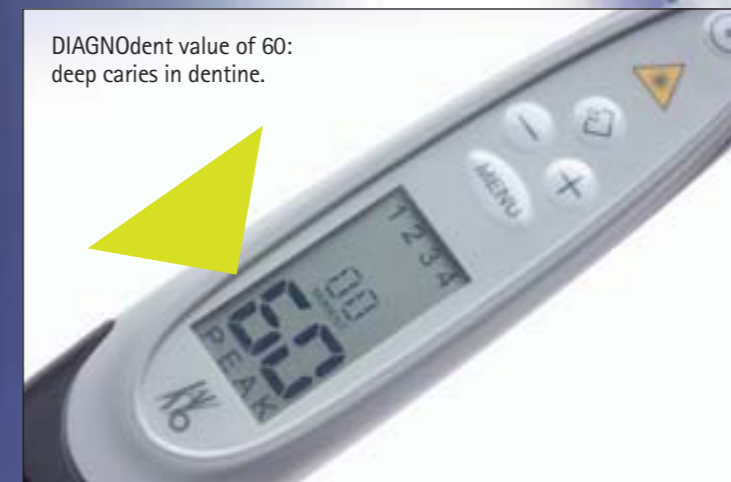
KaVo DIAGNOdent® pen.

## A complete diagnosis: now including the interdental space.

The KaVo DIAGNOdent pen is also able to detect hidden caries in the interdental space – thus closing the gap in caries detection.

This is made possible by the KaVo DIAGNOdent approx. probe laser beam, which is deflected through a prism at an angle of 100°, meaning that nothing stays out of sight.

In the example shown, the elevated DIAGNOdent value indicates deep caries in the dentine that cannot be detected on dental film.



Digora imaging plate:  
diagnosis is C2 caries.  
(Images:  
Prof. Stachniss, Marburg  
University).

KaVo DIAGNOdent® pen.

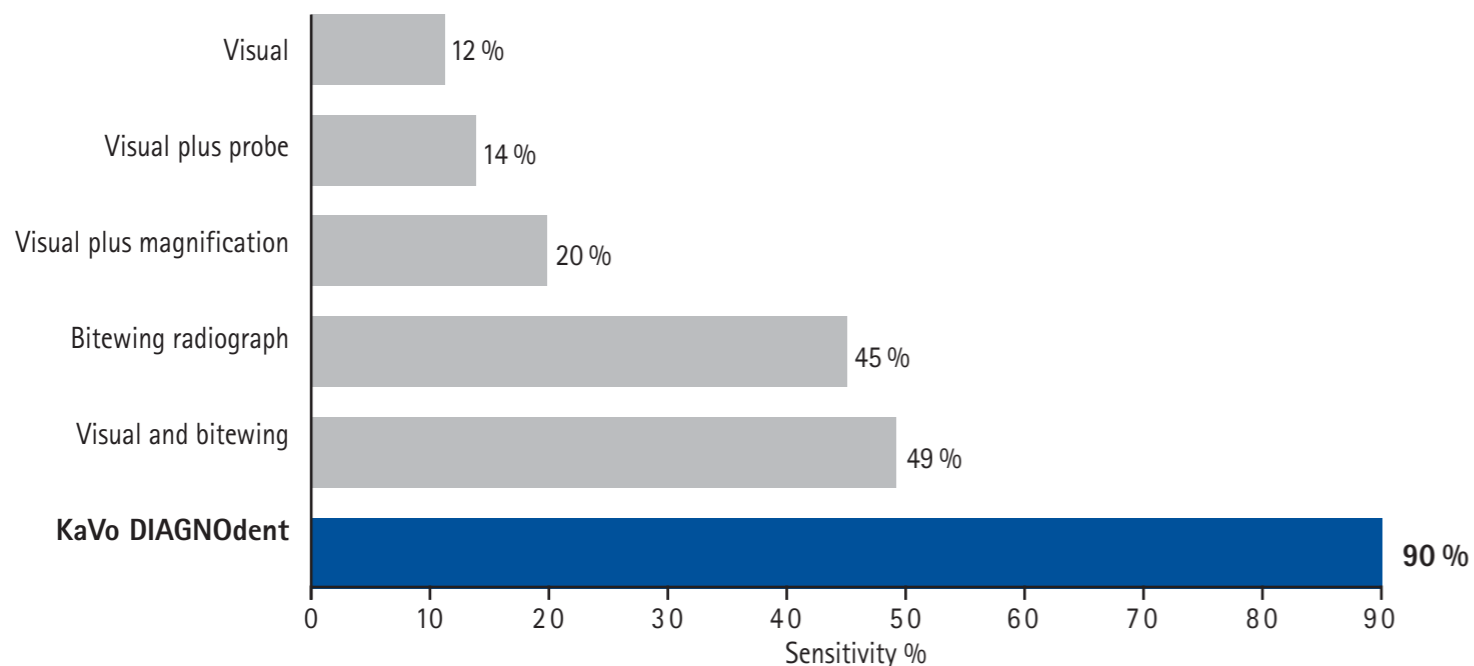
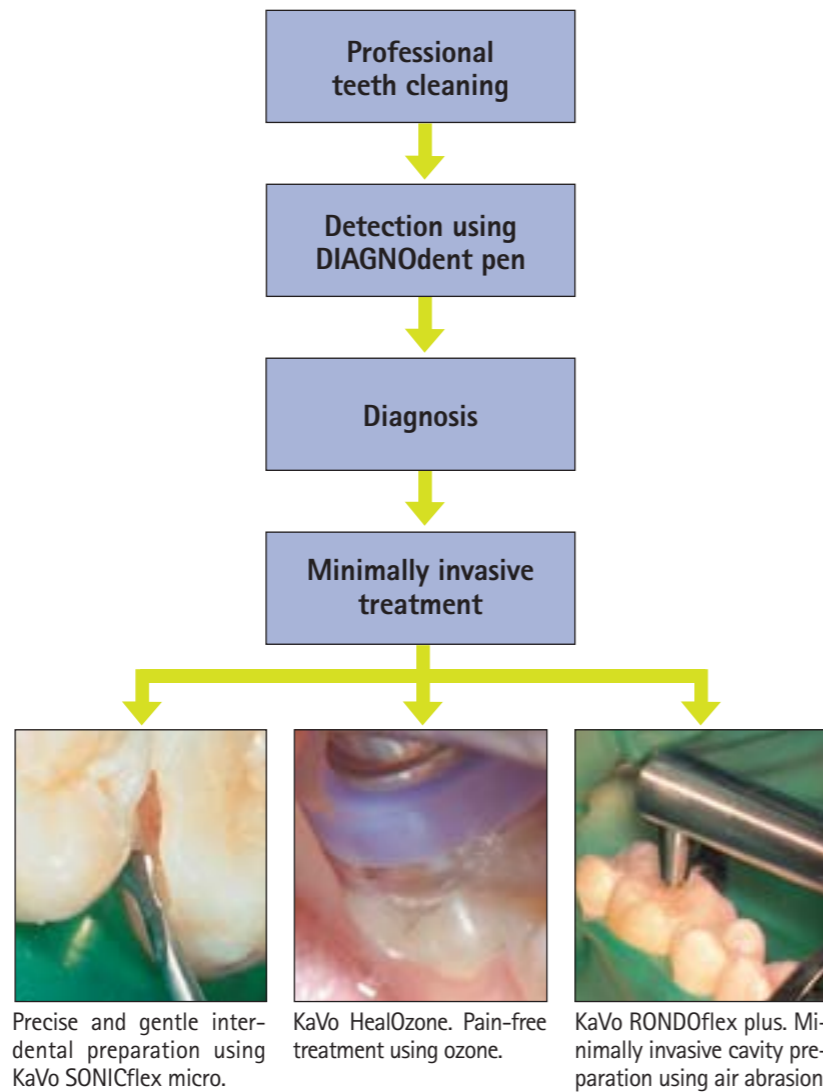
# The caries detection success rate: 90 %.

With a caries detection rate of over 90%, DIAGNOdent is far superior to all former forms of diagnosis.

And that's not all. DIAGNOdent is also the most simple method of caries detection.

The DIAGNOdent pen provides the most reliable results once the teeth have been cleaned professionally. You receive exact results for every tooth scanned, to which you can add other caries risk factors.

You then create your planned treatment on the basis of this diagnosis – to preserve as much healthy tooth substance as possible.



Teeth with dentine caries and no cavities. (Source: Lussi et al., Quintessenz 54, 10 (2003))

KaVo DIAGNOdent® pen

# The next big thing in caries detection.

The KaVo DIAGNOdent pen is a modern prophylactic:

- Cordless: for ultimate mobility
- Handy: always there, whenever you need it
- Easy to use: and quick
- Precise: for complete caries detection



Life size picture



Battery operated for maximum flexibility



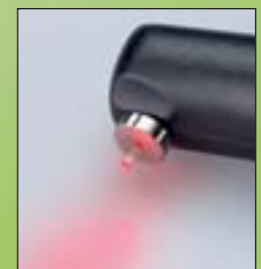
Grip sleeve is detachable for sterilisation purposes



Storage box with separate tip holder



Calibration reference



Sapphire occlusal tip



Sapphire approx. tip with prism. 100° laser beam deflection



**KaVo. Dental Excellence.**

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