

KaVo DIAGNOdent®.

The caries detection success rate: 90 percent.

Easy to use.

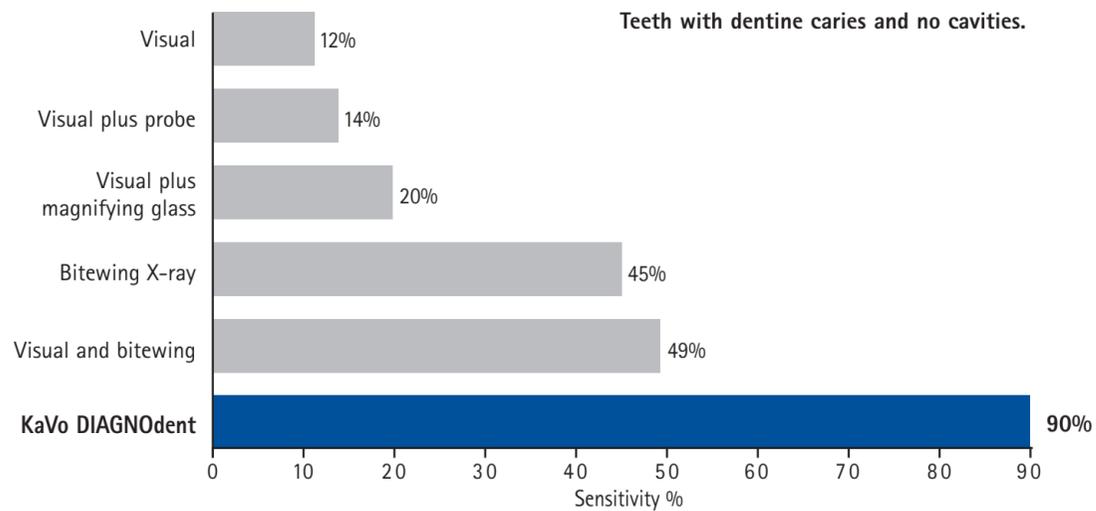
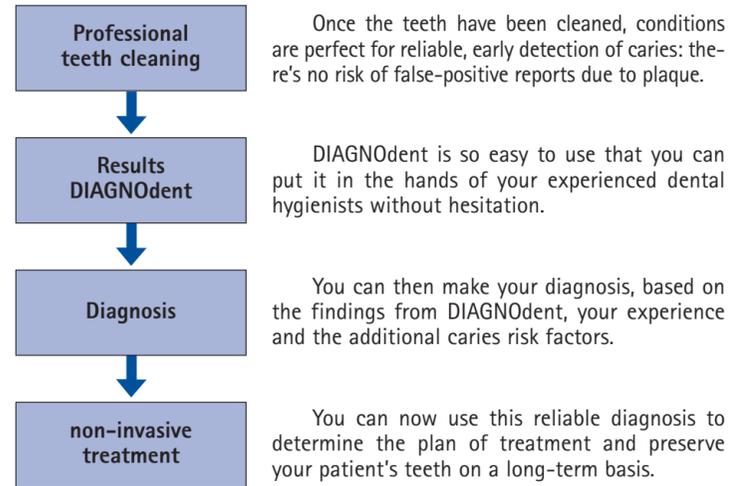
Highly accurate.

Scientific studies prove it: KaVo DIAGNOdent reliably detects caries in the fissure area – even when there are no visible cavities. Simply unique: No other procedure, whether visual, probe or X-ray-based, achieves comparable results.

Very simple.

It is best to use DIAGNOdent after professionally cleaning the teeth. You receive exact results for every tooth scanned, to which you can add other caries risk factors. You then create your plan of treatment on the basis of this diagnosis – in order to preserve as much healthy tooth substance as possible.

Course of treatment.



* Sensitivity is the percentage of teeth identified as diseased.

KaVo DIAGNOdent®

At a glance - KaVo DIAGNOdent® pen 2095 and accessories

Product	Order number
DIAGNOdent 2095	0.574.0500
DIAGNOdent light probe A, conical	0.574.1311
DIAGNOdent light probe B, flat	0.574.1321
DIAGNOdent Perio probe	1.004.1640
Rechargeable battery	1.007.5158
Charger, complete	1.007.5160

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KaVo DIAGNOdent®

The perfect way to validate findings in the diagnosis of caries.



Now with an environmentally friendly rechargeable battery



KaVo. Dental Excellence.

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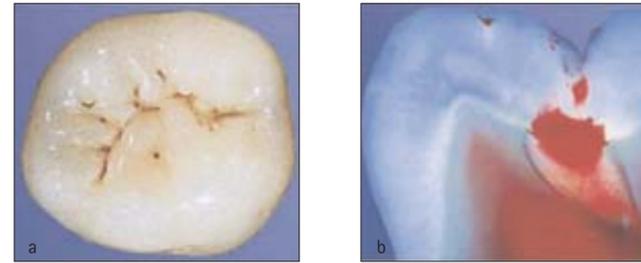
KaVo DIAGNOdent®
Highly Reliable Early Caries Detection.

Drastic changes.
 Increased use of tooth decay prevention measures has changed the face of caries: Teeth that appear healthy on the outside are now being destroyed from within. KaVo DIAGNOdent, however, is not fooled by this deceptively healthy appearance.

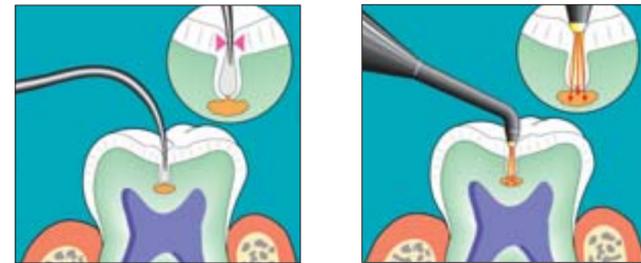
Highly sensitive.
 The patented laser fluorescence method of KaVo DIAGNOdent works on the basis of the differing fluorescence between healthy dental substance and diseased dental substance. KaVo DIAGNOdent detects even the smallest lesions; using a number scale and an audible alert – it's reliable and doesn't expose the patient to radiation. And there's no probing, no scraping and no damage to healthy dental substance.

KaVo DIAGNOdent.
 The best thing for you and your patient: a thorough yet gentle treatment that is non-invasive and preserves teeth.

KaVo DIAGNOdent:
 State-of-the-art diagnostic instrument with laser fluorescence measuring; reacts to even the smallest lesions. Gentle and non-invasive.



Clinical (a) and histological (b) views of hidden caries. The histological section indicates dentine caries despite the occlusal surface enamel appearing intact to the eye.



You cannot usually probe into fissures using conventional instruments, and it is very uncomfortable and possibly damaging to the patient if you do.

The KaVo DIAGNOdent laser penetrates almost 2mm into the fissures and reliably detects pathological changes.



Photographs courtesy of Prof. Dr. Adrian Lussi, Bern

KaVo DIAGNOdent®
The solution to improving your diagnoses.

It will win over your patients:

- Unerring early caries detection
- Modern exploration without scratching or damaging the healthy substance
- Pain-free, minimally invasive treatment
- Long-term satisfaction with your own teeth

The benefits for you, the dentist:

- High level of assurance that you haven't missed any hidden caries
- Satisfied patients who recommend you to their friends and family
- More private services
- Rapid ROI

Case 1:



No visible signs of caries.



The X-ray indicates no permeability of radiation.



DIAGNOdent gives an elevated reading of 28 at the mesial fissure.



The suspect area is exposed: There is already caries in the dentine.

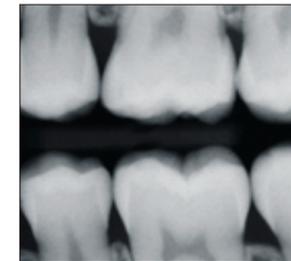


Tooth is completely restored and preserved thanks to successful diagnostics and early intervention.

Case 2:



During an occlusion examination the tooth appears to be completely free of caries.



No caries are shown on the radiograph either.



DIAGNOdent provides a clear diagnosis of caries underneath an apparently intact surface.



The caries lesion is repaired. Care is needed here to preserve the tooth structure.



Postoperative results during occlusion examination: the treated tooth in its natural shape and colour.

Case 3:



There is no sign of caries during an occlusion examination.



There is no sign of caries on the radiograph.



DIAGNOdent indicates an increased reading both in the central and distal fissure area.



The final photograph taken before the restoration shows the extent of the preparatory measures.



The postoperative photograph shows: The impressive results of the treatment.

Recommendations for treatment

- 0 - 13: Normal prophylactic measures
- 14 - 19: Intensive prophylactic measures; e.g. fluoride treatment, KaVo HealOzone
- 20 - 29: Minimally invasive restorative procedures (KaVo HealOzone, AirAbrasion, Laser, SONICflex micro) and intensive prophylactics
- > 30: Restorative procedures and intensive prophylactics

Photographs courtesy of Angel Sanchez-Figueras, jr., DDS