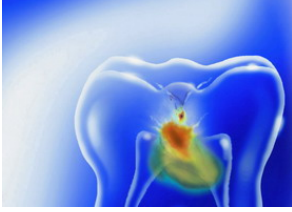


What is the DIAGNOdent?

Accurate, reliable cavity detecting aid



Detecting the invisible

The DIAGNOdent is a laser that measures the fluorescence of a tooth. As the laser light is placed onto the tooth surface the laser will show how dense the tooth is. A clean, healthy, tooth free of decay is dense and will show little or no reading on the DIAGNOdent. A tooth containing decay is less dense and will show a higher reading.

A changing cavity model: due to fluoridation caries has gone "underground". While helping to improve the oral health of many Americans, fluoridation has resulted in harder tooth enamel. Initial cavities that once began on the tooth's surface have now migrated below the surface.

Proven clinical results: Treatment decisions require a higher degree of certainty. The DIAGNOdent laser cavity detection aid removes the doubt from treatment decisions regarding hidden cavities or questionable stained grooves. The device's ability to see into the grooves and pits on the chewing surface of the teeth enables Dr. Markiewicz to treat sub-surface cavities with confidence.

Benefits to our patients

- Extremely accurate diagnostic aid. Proven to be over 90% accurate
- Reproducible results permit checking, stabilization and documentation of cavities.
- Ideal device for Dr. Markiewicz, Julie, and Alex to detect suspicious areas needing further examination.
- Early detection of pathological changes that are undiagnosed by conventional examination methods (e.g. initial lesions, demineralization and changes in the enamel, fissure caries).
- No scratching probe: simple, fast and painless examination.
- Increases operator and patient confidence about treatment decisions due to accurate visual and acoustic representation of measured values.
- No x-ray exposure.
- For the first time, allows us to watch the amount of cavity activity over time with a precise and reliable measurement.



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