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## Neks Technologies announces FDA approval for interproximal use of the D-Carie mini caries detection device



Montreal (April 24, 2007)—Neks Technologies Inc, a company specializing in developing and manufacturing innovative dental products, today announced that the Food and Drug Administration (FDA) has approved the D-Carie™ mini caries detection device as an aid in the diagnosis of interproximal caries.

The D-Carie mini is a lightweight, easy-to-use, cordless device that can be used as an aid for clinicians to quickly locate and diagnose caries. The D-Carie mini uses Light Emitting Diode (LED) and fiber optic technologies to accurately detect both occlusal and interproximal caries. The device requires no calibration and is easy to sterilize. The D-Carie mini is not a laser, and therefore can also be operated by hygienists.

According to a [study](#) performed by the University of Montreal<sup>[1]</sup>, the neks D-Carie mini™ detects more than 92 percent of occlusal caries. Using solely X-rays and dental explorers, dentists can overlook approximately half of incipient caries.<sup>[2]</sup> Studies have shown that the D-Carie mini has a sensitivity of over 80 percent for interproximal caries.<sup>[3]</sup>

One Albany, New York dentist Dr. Lawrence Kotlow, has incorporated the D-Carie mini device into his practice. "As a pediatric dentist, I now have an additional tool for diagnosing interproximal as well as occlusal decay in very young children who cannot cooperate adequately to have intraoral diagnostic X-rays taken," said Dr. Kotlow. "I have also found that the D-Carie unit has diagnosed many lesions that would have otherwise gone undetected in children, where radiographs were not possible. This has resulted in my office taking bitewing radiographs in instances where we may not have originally seen the need to do so and where very little clinical evidence of a developing lesion was observed. Children accept the probe with little concern and parents are excited to have an alternative to X-rays."

When used as a diagnostic aid in conjunction with an X-ray, the neks D-Carie mini allows dentists to assess a third dimension – the volume of caries – prior to opening the tooth. The device also provides dentists with an option for examining and diagnosing children, pregnant women and patients who prefer to forgo X-rays or limit their exposure to them for health or personal reasons. For more information on the D-Carie mini and the DetectTar mini, clinicians can register online and participate in an archived Web Seminar entitled "Introduction to the Art of Detection" at [http://www.neks.ca/web\\_seminars\\_en\\_edit.htm](http://www.neks.ca/web_seminars_en_edit.htm). For a detailed product demonstration on the D-Carie mini, an online video is available at: [www.neks.ca/forms/video](http://www.neks.ca/forms/video).

**Pricing and Availability**


The D-Carie mini is available at a special offer of \$2,999 U.S (regular price of \$3299), and comes with an extra free probe. Offer valid until May 28th, 2007.

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