

FOR IMMEDIATE RELEASE

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Quantum Dental Technologies reported that The Canary System can detect caries around composites. Co-Founder and CEO, Dr. Stephen Abrams, DDS, presented the findings at the International Association of Dental Research 90th General Session in Iguazu Falls, Brazil.

“Restoring caries around restorations is one of the most common reasons for the replacement of fillings. Being able to find secondary caries early means one can repair rather than replace restorations. The Canary System is the only tool available now to dentists to detect caries around all visible margins of restorations”, says Dr. Abrams.

The Canary System can now enable oral health professionals to map areas of tooth decay at the margins, which is a unique feature of the device’s energy conversion technology. When compared head-to-head with DIAGNOdent, a fluorescence-based caries detection tool, The Canary System was able to detect secondary caries around composite restorations more accurately. DIAGNOdent readings at sound and carious margins were not significantly different in this study, suggesting that secondary caries may potentially be underestimated using that instrument.

“The Canary System may be a valuable adjunct to conventional methods for detecting secondary caries on teeth with composite restorations. This is an additional application that expands the growing repertoire of features for The Canary System, making it a valuable tool in caries detection and management”, says Dr. Josh Silvertown, Vice President Corporate Development of Quantum Dental Technologies.

The Canary System, powered by the energy conversion technology PTR-LUM, is a low-powered laser-based device that uses a novel combination of heat and light to directly examine the crystal structure of teeth and map areas of tooth decay. The Canary System is a revolutionary new tool that can detect, map and monitor carious lesions on any tooth surface -- earlier and more accurately than ever before. The Canary System’s interactive software and printed patient reports engage patients in their own oral healthcare.

Please visit www.thecanarysystem.com or email info@thecanarysystem.com to request additional information.

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