



FOR IMMEDIATE RELEASE

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NEW RESEARCH DEMONSTRATES THAT THE CANARY SYSTEM CAN DETECT DENTAL EROSION

Toronto, Canada – An independent study presented at the American Association of Dental Research (AADR) in Los Angeles on March 17th, 2016, shows that The Canary System[®] can detect dental erosion. Dental erosion is the loss of tooth structure by acid dissolution without the involvement of bacteria. Visual examination can only detect significant surface loss.

Dr. Clifton Carey and his team at the School of Dental Medicine at the University of Colorado Denver, conducted an independent research study using citric acid (commonly found in sports drinks and fruit juices) to create erosion lesions on extracted human premolars. The investigators showed a significant relationship between surface loss and the increase in Canary Number.

“Erosion is becoming a growing problem due to the increased consumption of soda and sports drinks, especially among children and adolescents. Visual examination does not provide clinicians with any means of early detection or measuring tooth tissue loss”, said Dr. Stephen Abrams, President of Quantum Dental Technologies. “Evidence from this study suggests that erosion can now be effectively measured and monitored with The Canary System. This gives health professionals a tool for managing a growing clinical problem.”

The Canary System, with its unique crystal structure diagnostics, allows oral health professionals to detect, image and measure tooth decay on all tooth surfaces, around the margins of restorations, beneath opaque sealants, and detect cracks in teeth. The accompanying Canary Cloud (www.thecanarycloud.com) enables dentists to view and manage this data, track Canary usage in the office, and keep up-to-date on Canary products and clinical news. With The Canary System, caries detection is not simply shining a light on a tooth surface; it is about accurately measuring the tooth’s crystal structure and storing the information and images to allow ongoing analysis and monitoring. This new study now expands the application of The Canary System to detection and monitoring of erosion.

Visit www.thecanarysystem.com or email sales@thecanarysystem.com to request additional information.

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