Frost & Sullivan: Industry Push toward Quantitative Imaging Positions Computer Aided Detection and Diagnosis Adequately for Renewed Clinical Expansion

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MOUNTAIN VIEW, Calif., April 4, 2012 /PRNewswire/ -- Since the inception of the market in 1998 and until 2008, revenue from the North American computer aided detection and diagnosis (CAD) market continued to grow rapidly year over year. It surpassed the $100 million mark for the first time in 2007. However, this upward trend was reversed in 2009 due to several factors affecting global healthcare. Once confined to image analysis and pattern recognition algorithms, CAD solutions have expanded dramatically in recent years to provide more workflow management functions for the diseases and conditions they cover.

New analysis from Frost & Sullivan's (http://www.medicalimaging.frost.com [1]) **North American Market for Computer-aided Detection and Diagnosis** research finds that the market earned revenue of $103.5 million in 2010 and estimates this to reach $181.7 million in 2017.

If you are interested in more information on this research, please send an email to Britni Myers, Corporate Communications, at britni.myers@frost.com [2], with your full name, company name, job title, telephone number, company email address, company Web site, city, state and country.

"From CAD solutions used on the spot, some have evolved into computer-assisted decision-making solutions or computer-assisted pre-surgical assessment solutions, whereby they provide more of an end-to-end solution used prior, during and after treatment or surgery and for accessing databases for clinical decision support," said Frost & Sullivan Principal Analyst Nadim Daher. "Applications such as prostate treatment or liver transplantation will drive CAD from a mere detection and diagnosis tool to a more complete solution providing image based analytics, disease quantification, treatment assessment, and workflow management."

Regardless of the unfavorable market conditions pr
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