

CARDIAC INSIGHT'S CARDEA 20/20 ECG™ IS THE WORLD'S FIRST AND ONLY 12-LEAD ECG SYSTEM TO SUPPORT INTERNATIONAL CRITERIA INTEGRATION FOR CARDIAC RISK EVALUATION IN YOUNG ATHLETES

Automated 16-Second ECG Interpretation Technology Can Further Enhance Detection of Sudden Cardiac Arrest Risk in Young Athletes

Kirkland, WA. – (February 5), 2018 – Cardiac Insight, Inc., a leading developer of wearable medical devices and diagnostic software, announced today that the company's new Cardea 20/20 ECG System software (v.5.0.1) is the world's first and only automated 12-lead ECG to incorporate the recommended International Criteria¹ for cardiac ECG interpretation in athletes, as recognized by the American College of Cardiology and endorsed by the American Medical Society of Sports Medicine.

Sudden Cardiac Arrest is the number one medical cause of death in athletes². It is estimated that every 72 hours an athlete dies in the US from a cardiac arrest. This is most often due to a previously undiagnosed cardiac condition and without obvious prior symptoms. Despite the risks, comprehensive youth sports preparticipation heart screenings are not mandatory or standardized nationwide.

“With Cardea 20/20 ECG integration of the globally-endorsed International Criteria and the device's dramatically low false positive rate, there is no reason to ignore comprehensive cardiac screenings of athletic youth ages 14 years and older, especially when the consequences due to the absence of evaluations are so dire,” said Brad Harlow, Chief Executive Officer of Cardiac Insight. “Cardea 20/20 ECG epitomizes our mission to offer ‘Breakthrough ECG Technology’ that addresses diagnostic challenges and improves health outcomes across the continuum of care.”

Cardea 20/20 ECG was co-developed by Dave Hadley, PhD, Senior Vice President of Cardiac Insight and Victor Froelicher, MD, FACC, FAHA, FACSM, Professor of Medicine at Stanford University, cardiologist to Stanford University athletes and Director of the Stanford Sports Medicine Clinic.

The Cardea 20/20 ECG's automated 12-lead algorithm helps physicians identify athletes and other active youth with abnormal heart conditions who may be at risk for sudden cardiac arrest. With proprietary algorithms tuned for the young athletic heart, this test assists the physician in determining when further evaluation is recommended for adolescents age 14 and older that participate in competitive sports activities, or organizations with non-athletic heart personnel performing strenuous activity, such as the military. The test is easy and quick, often performed by non-medical volunteers after short training and watching Cardiac Insight videos.

Cardea 20/20 ECG software supports physicians in local or remote locations. All normal or abnormal tests can be reviewed with a click of a button. Confirmed ECGs are saved in a standard PDF format for easy uploading into EMR systems.

The Cardea 20/20 ECG already has a following from parents and practitioners who have experienced the life-saving benefits of the device. For more information about preventative youth heart screenings by state, visit the Parent Heart Watch organization website at (www.parentheartwatch.org). Cardiac Insight believes the updates can make an even larger impact with its one-of-a-kind benefits.

"The cardiovascular program at PeaceHealth St. Joseph feels very strongly that we have an obligation to our community to screen for teens at risk for sudden cardiac arrest. We've yet to have a screening where a significant risk factor was not identified," said Jerry Marschke, Executive Director, Cardiovascular Services, PeaceHealth. "The key to the Cardea 20/20 ECG platform is its proprietary algorithm that specifically looks for difficult-to-diagnose heart conditions."

"After purchasing the Cardea 20/20 ECG it took us some time to actually open the case and learn how to use it because it was bittersweet. We wished we would have known about this handheld testing device that could have possibly saved the life of our son Justin," said Darrell and Susan Carr, of justincarrwantsworldpeace.org. "We encourage screenings to make sure that other families can avoid the possibility of losing a child from an undiagnosed heart condition."

February is American Heart Month and a good time to highlight effective resources that address heart health issues facing all age groups, according to the company.

With a philosophy of continuous innovation and support for its customers, Cardea 20/20 ECG System owners can update to the new International Criteria software via the company's website. Download instructions can be accessed at <http://www.cardiacinsightinc.com/cardea-2020-ecg-resources/>

For technical support, please contact support@cardiacinsightinc.com or call 1.866.554.3751, ext. 66.

About Cardiac Insight:

Cardiac Insight, Inc. (www.cardiacinsightinc.com) is a U.S. developer of advanced body-worn digital health care information devices for cardiology, respiratory and other complex disease states. The company's technologies and systems are created using advanced algorithms and software that provide improvements in mean time to diagnosis. Cardiac Insight's mission is to invent complete and progressive solutions for unmet clinical needs on behalf of physicians, clients and payers. Cardiac Insight was founded in 2008 and is based in Kirkland, WA.

The company's two flagship products are Cardea SOLO™ and Cardea 20/20 ECG™. Cardea SOLO™ is a lightweight, single use, 7-day wearable sensor with automated arrhythmia detection software that is quickly being recognized as setting the standard for professional medical grade, wearable heart monitoring systems.

References

¹ Sharma S1, Drezner JA, Baggish A., International Recommendations for Electrocardiographic Interpretation in Athletes., J Am Coll Cardiol. 2017 Feb 28;69(8):1057-1075.

² Harmon KG, Asif IM, Maleszewski JJ et al. Incidence, Cause, and Comparative Frequency of Sudden Cardiac Death in National Collegiate Athletic Association Athletes: A Decade in Review. *Circulation*. 2015 Jul 7;132(1):10-9.