VECTRACOR
Diagnosing Better Care

The Smart ECG

VectraplexECG System

with CEB®

15-22 Lead ECG with only 5 electrodes

Can you detect an AMI in real-time?

Cardiac Electrical Biomarker CEB®
A continuous biomarker for the detection of ECG changes suggestive of AMI

Non-Invasive

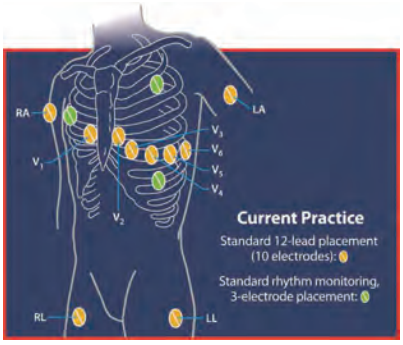
Derives a 22-Lead ECG (EU) - (15-Lead ECG - US) with only 5 electrodes

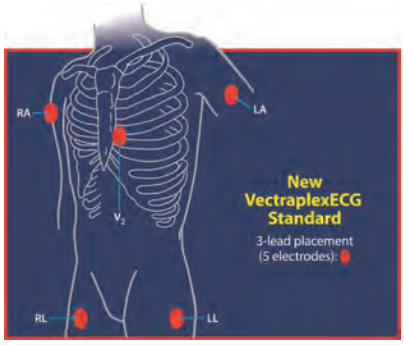
22-Lead ECG = 12-Lead, right heart, posterior and Vectorcardiogram/XYZ leads and vector loops

15-Lead ECG = 12-Lead ECG and Vectorcardiogram/XYZ Leads and vector loops

Produces a Standard 12-Lead ECG with 10 Electrodes

Potentially Reduce Electrode Placement Error





Innovative Technology Designated Product

vizient
Awarded Supplier

AWARDS

2014	***Best Company in ECG Innovation***
2014	***New Product Innovation Leadership Award - Cardiac Monitoring***
2013	***Recipient of the EMS World Top Innovation Award***
2011	***The Society of Critical Care Medicine Scientific Award***

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What is the CEB®?

Simply, the CEB® (Cardiac Electrical Biomarker) is an index number that measures the degree of di-polarity of the cardiac electrical field.

The cardiac electrical field of a healthy subject is primarily dipolar [1], while occurrence of myocardial injury leads to the appearance of a multipolar cardiac electrical field [2].

What the CEB Number Means:

CEB:	65 or below	Normal Condition
Displayed in:	Green	
CEB:	Between 66 and 94	Caution Zone
Displayed in:	Orange	
CEB:	95 or greater	Abnormal Condition*
Displayed in:	Red and Blinking Audible Alarm	

*** Patient may be developing an acute myocardial infarction and requires clinical assessment - attach additional 5 electrodes for a 12-lead ECG (using all 10 electrodes).**

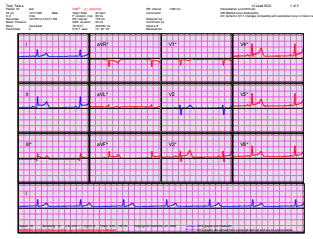
Important Safety Information

The CEB index has been tested in comparison to physician interpretation of standard 12-lead ECGs in patients presenting to an acute care setting, and not in comparison to additional clinical data documenting the presence of acute myocardial infarction.

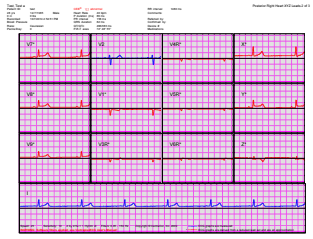
Derived 15-Lead ECGs and their measurements are approximations to conventional 12-Lead ECGs and should not be used for final diagnostic interpretations.

The computerized interpretation provided by the VectraplexECG software is only for the 12-Lead tracings (US version - using 10 electrodes) and valid when used in conjunction with clinical findings. All computer-generated tracings and interpretations must be confirmed by a qualified physician.

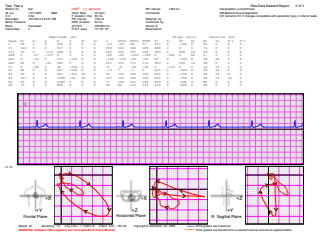
Please see VectraplexECG brochure or visit www.vectracor.com for more information.



12-Lead ECG



Right heart, posterior and XYZ leads



Vector loops & lead voltage data
*22 lead (EU/CE) 15 lead (US/FDA)

References

1 Schmitt, OH AM Heart J. 1953;45:416-428

2 Tysler - J Electrocardiol. 2013 Jul-Aug;46(4):284-8. doi: 10.1016/j.jelectrocard.2013.03.014. Epub 2013 Apr 28.

Catalog Numbers

V100900 VectraplexECG – US Version
V100900I VectraplexECG – International Version
V100300 Wet Gel Monitoring Electrodes (Box – QTY 1,000)

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