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

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
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, while occurrence of myocardial injury leads to the appearance of a multipolar cardiac electrical field.

What the CEB Number Means:

<table>
<thead>
<tr>
<th>CEB:</th>
<th>Displayed in:</th>
</tr>
</thead>
<tbody>
<tr>
<td>65 or below</td>
<td>Green</td>
</tr>
<tr>
<td>Between 66 and 94</td>
<td>Orange</td>
</tr>
<tr>
<td>95 or greater</td>
<td>Red and Blinking Audible Alarm</td>
</tr>
</tbody>
</table>

*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 physicians' interpretations 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 tracing (55 version - using 10 electrodes) and valid when used in conjunction with clinical findings. All computer-generated findings and interpretations must be confirmed by a qualified physician. Please see VectraplexECG brochure or visit www.vectacor.com for more information.

References