ECG Management Saves Lives !

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Premise……

- *Time is Muscle:* Every 10 minute delay to Percutaneous Coronary Intervention (PCI) results in a 1% change in mortality*

- Source: Nallamothu BK et al, AM Journal Cardiology 2003

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Emergency

- Transmitting 12-lead ECG from the ambulance to an attending cardiologist's mobile device may cut the time to PCI by more than an hour

- Source: *Am J Cariol 2008; 101 941:946*

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12 Lead Transmission

Using existing 12 lead equipment:

- Migrate ECG data into Cardio Server for pure-web access; comparison ECGs that reduce false positives
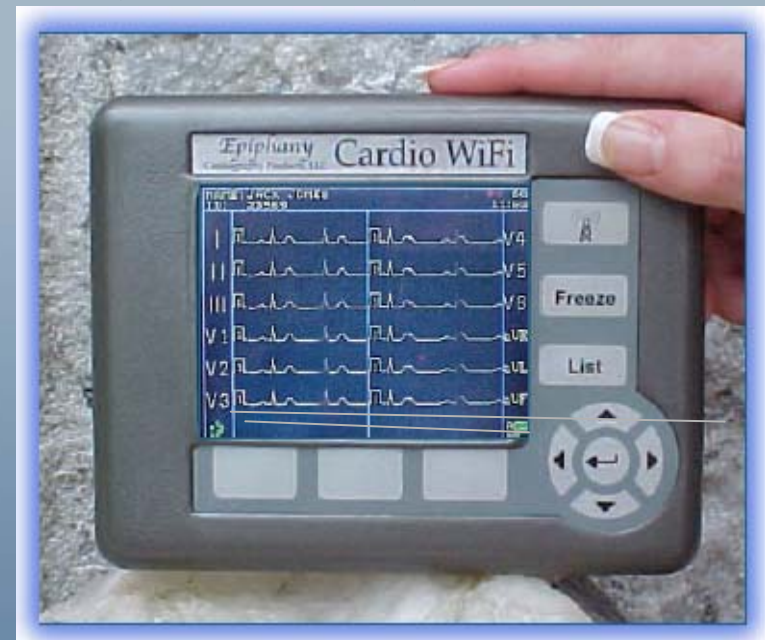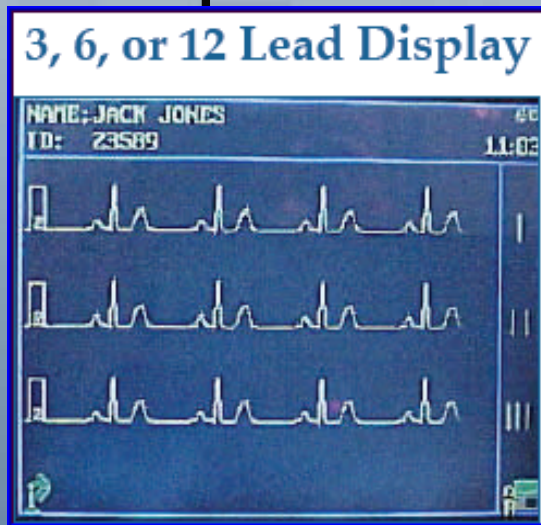
No existing 12 lead equipment:

- Use Cardio WiFi and Cardio Server for pure-web access; comparison ECGs that reduce false positives

Cardio WiFi and Cardio Server

- Full-disclosure ECG; capture entire trip

- Reduce false positives (11.3%) with comparison ECGs

3, 6, or 12 Lead Display

NAME: JACK JONES
ID: 23589   11:03

Epiphany Cardio WiFi

Freeze

List

- Source: Birnbaum, Journal of Electrocardiology 40 (2007) —pericarditis, ERP, LVH, vasospastic angina, cyclic reperfusion, and pseudo STEMI

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Electronic ECG Storage & Management Database

- **To store & mange ECGs from:**
  - **Cardiographs**
  - **Stress Test Systems**
  - **Holter Devices**
  - **Bedside and Telemetry Monitoring Devices**
  - **Event Monitors and Pacemaker Follow Up**
  - **Ambulatory Blood Pressure Monitors**
  - **Defibrillators and more**
- **Over your entire health facility**

Electronic ECG Storage & Management - **Why ?**

- It solves workflow issues and costs related to managing paper

- It means you can read ECG data from anywhere in your medical facility, the office or home using a web browser

- Offers different interpretation methods to appeal to different preferences & customized per physician, per modality

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Electronic ECG Storage & Management - **Why ?**

- You can compare suspected STEMIs with previous ECGs in seconds

- Operates independently of existing modalities therefore extends accessibility to all authorized users

- Maintains your existing equipment = not recapitalizing working, technologically advanced equipment

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Multi Vendor & Multi Modality

Independent to Device Vendors

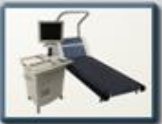# Cardio Server 3.0

ECG Management System

Cardiographs
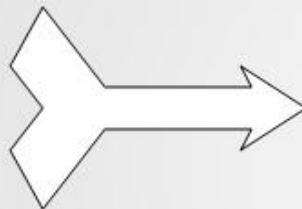
Stress

Holter

Patient Monitoring

PFT

Defibs

Web Access
Edit, Review, Confirm and Print

Cardio Server

Hospital

Home

Network Printing

Hospital EMR

Multi-Vendor Multi Modality

- Over 50 Device interfaces
- Working with over 30 vendors
- Across 10 different modalities

Full Interface Capabilities

- Inbound Orders
- Outbound HL7 Results & Billing Message
- WEBAPI EMR Launch Interface

Epiphany Cardio Server can save lives!

- Studies show that heart attack patients treated with reperfusion therapies within 90 minutes do best. "But many people who are eligible to get these treatments don't get them in time, or don't get them at all," says Jollis. **"Now, we know how to change that."**

  - Source: JAMA. 2007;298(20):(doi:10.1001/jama.298.20.joc70124).

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Presented by:

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Leaders in Clinical Management Software

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References:

1. Epiphany Cardiography Products - http://www.epiphanycardio.com/
2. Nallamothu BK et al, AM Journal Cardiology 2003
3. *Am J Cariol 2008; 101 941:946*
4. Birnbaum, Journal of Electrocardiology 40 (2007) –pericarditis, ERP, LVH, vasospastic angina, cyclic reperfusion, and pseudo STEMI
5. JAMA. 2007;298(20):(doi:10.1001/jama.298.20.joc70124).

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