

# AcQtrac™ System

Confidently and Conveniently Manage  
the Cardiovascular Health of your Patients

Her blood pressure is normal,  
but is her afterload optimal?

Should her diuretic be decreased?

Is her shortness of breath  
acute heart failure?

Is her hypertension due to increased  
blood volume or vessel constriction?

# The AcQtrac™ System

helps you manage

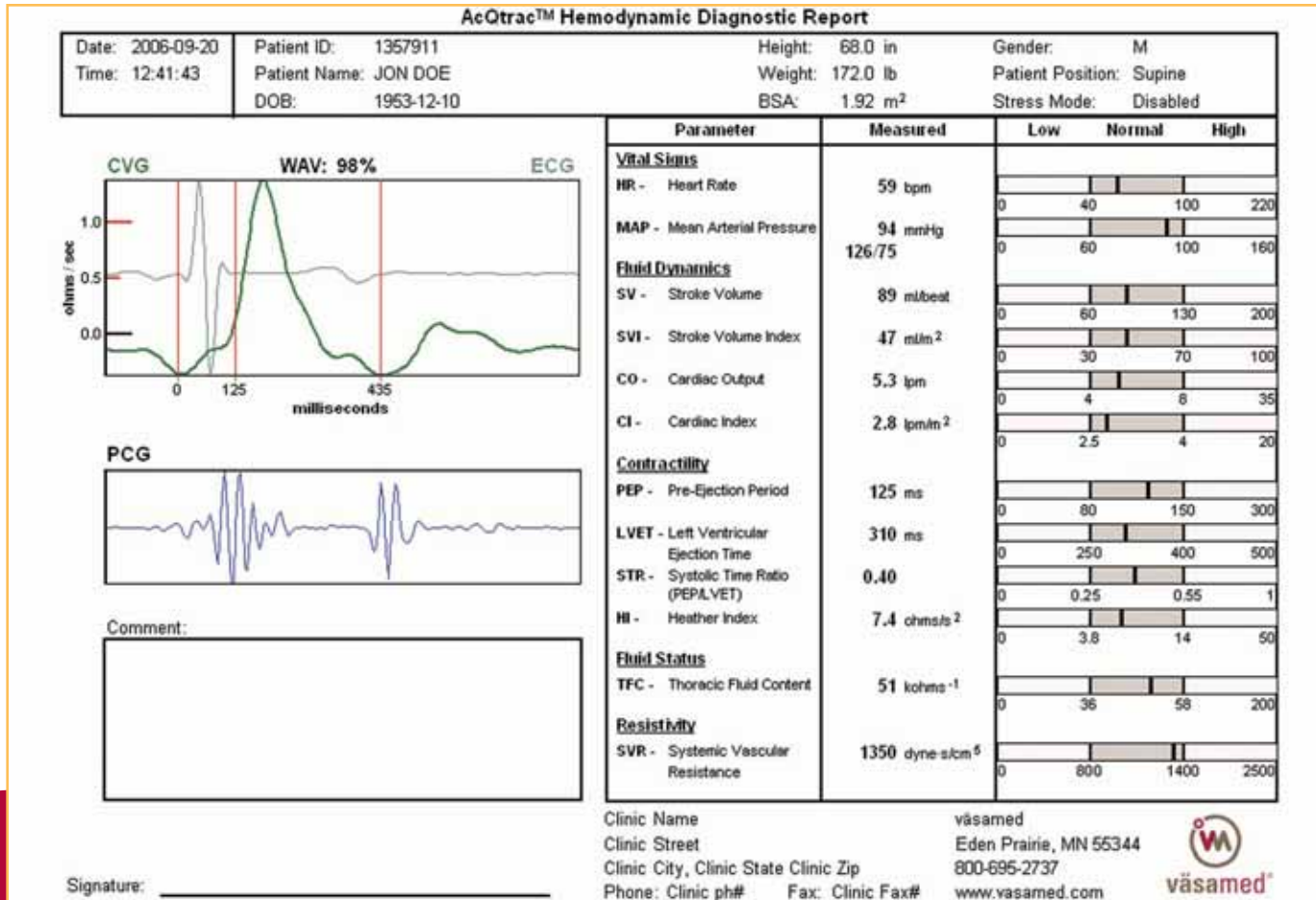
## your patient's heart failure

with noninvasively acquired hemodynamic information you can't get anywhere else.

Heart failure medications change cardiac output, fluid content, vascular resistance, and contractility. Now you can visualize and measure these changes at any point-of-care within minutes with four easily placed electrodes.

### The AcQtrac System noninvasively measures and reports:

- Cardiac Output/Index
- Stroke Volume/Index
- Fluid Content
- Systemic Vascular Resistance
- Systolic Time Ratio (PEP/LVET)
- Blood Pressure
- Heart Rate

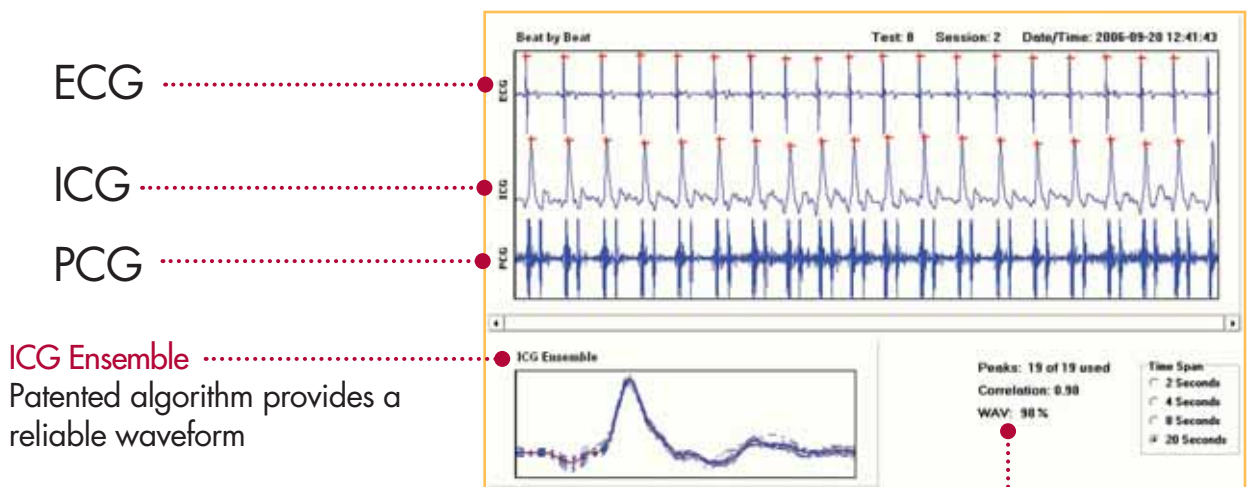


# Information you can trust

The AcQtrac System uses Cardiac Amplifier Technology™ to measure pertinent cardiac and hemodynamic parameters with impedance cardiography (ICG). Information is displayed in a proprietary Cardiovasculogram™ (CVG) waveform with corresponding numeric values.

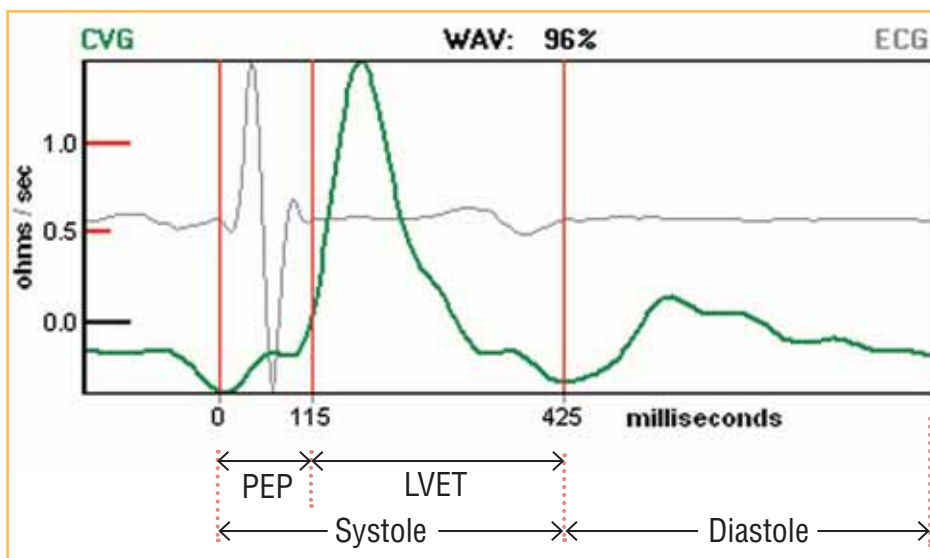
## Cardiac Amplifier Technology

- Proprietary algorithms determine acceptable ICG and ECG beats.
- Ensemble averaging creates a composite waveform from multiple accepted beats.
- Waveform Accuracy Value confirms the quality of the hemodynamic sample.
- Phonocardiogram (PCG) records heart sounds related to the aortic valve opening and closing.



**ICG Ensemble** ..... Patented algorithm provides a reliable waveform

**Waveform Accuracy Value (WAV)** ..... reports sample's signal quality



Monitor hemodynamic changes with the Cardiovasculogram™ (CVG) waveform.

See the mechanical events of the heart and conjoining circulation.

- Aortic valve opening and closing
- Contractility indices (PEP, LVET, STR, HI)
- Systole and diastole

# AcQtrac™ System

## Designed with your clinic in mind.

The AcQtrac System easily integrates into your clinic's practice providing reliable and actionable information.

- Easy-to-use Windows® based software with color touch screen display.
- Print, save or export data in PDF or CSV file format with all patient data and tests retained on the hard drive.



## CMS Indications\* include:

- Optimization of fluid management in patients with congestive heart failure
- Differentiation of cardiogenic from pulmonary causes of acute dyspnea
- Monitoring of continuous inotropic therapy for patients with terminal congestive heart failure
- Optimization of atrioventricular (A/V) interval for patients with A/V sequential pacemakers
- Evaluation for rejection in patients with a heart transplant as a predetermined alternative to a myocardial biopsy
- Management of drug-resistant hypertension (at contractor discretion)

\* Summary of CMS covered indications.  
For specific language regarding CMS indications, refer to CPT 93701.



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