

# Triage BNP Test



Power to detect and to assess.  
Action to change course and save lives.



Triage<sup>®</sup>

# The growing epidemic of heart failure.

## Early detection. More critical than ever in a changing population

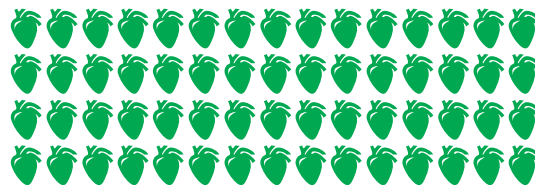
An estimated 6 million Americans suffer from heart failure (HF).<sup>1</sup> The aging population is contributing to a rise in the incidence of HF, making the need for early detection and treatment critical.

- 277,193 deaths in the U.S. from HF in 2007<sup>1</sup>
- 60 million individuals at high risk for developing heart failure<sup>2</sup>
- 50% of people diagnosed with HF will die within 5 years<sup>1</sup>

ACC/AHA\* Practice Guidelines: Approach to HF Stages

### High Risk for Developing HF

- Hypertension
- CAD
- Diabetes mellitus
- Family history of cardiomyopathy



**Stage A**  
60 Million

### Asymptomatic HF

- LV systolic dysfunction
- Previous MI
- Asymptomatic valvular disease



**Stage B**  
10 Million

### Symptomatic HF

- Known structural heart disease
- Shortness of breath and fatigue
- Reduced exercise tolerance



**Stage C**  
6 Million

### Refractory End-Stage HF

- Marked symptoms at rest despite maximal medical therapy



**Stage D**  
600,000



*“When patients can get the results of a test almost instantaneously and then discuss them immediately with their physician, patients are less anxious and feel like they’re receiving better and more immediate care.”*

John A. Osorne, MD, PhD, FACC  
State of the Heart Cardiology – Grapevine, TX  
Adjunct Assistant Clinical Professor – University of Texas, Arlington





# Early detection. Objective assessment.

## Detect HF early.

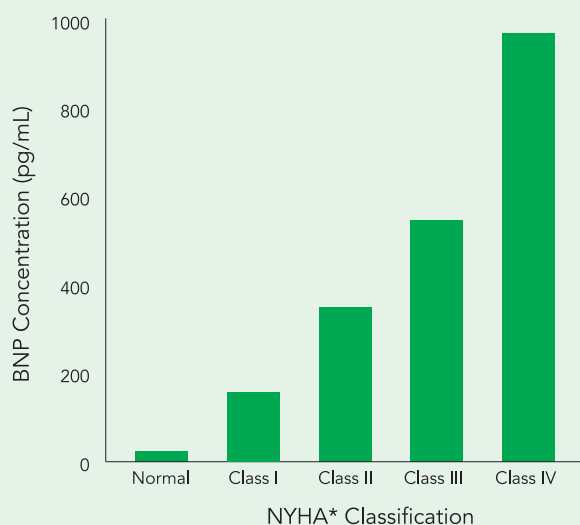
### The key to successful treatment

You offer the first line of defense in the battle against HF. With early detection, leading to early treatment, you have the opportunity to have a profound impact on your patients' health. And with the accurate, easy-to-use Triage BNP Test, that detection can take place within minutes—right in your office.

### Assess HF severity objectively

B-type natriuretic peptide (BNP) is a cardiac hormone produced in response to ventricular volume expansion and pressure that occurs during HF. The clinical use of natriuretic peptide in HF has been documented in over 5,000 publications.

BNP Provides an Objective Assessment of Heart Failure Disease Severity<sup>3</sup>



# Immediate results mean immediate action.

## The Triage BNP Test

The Triage BNP Test is a rapid, quantitative test for the measurement of BNP. The test is used to:

- Aid in the diagnosis of heart failure
- Assess heart failure disease severity
- Risk-stratify patients with acute coronary syndromes
- Risk-stratify patients with heart failure

## Powerful results right in your office

Adding the Triage BNP Test to your office means that you won't have to wait for results.

- Test results are available in approximately 15 minutes (just 2 minutes of hands-on time)
- CLIA waived for whole blood
- Immediately consult with your patient on test results
- Improve workflow and scheduling in your office

If a patient's results suggest heart failure, you can actively assess disease progression or institute a timely treatment plan.

1

Add whole blood sample to Triage BNP Test using transfer pipette included in each kit.



2

Insert test panel into Triage Meter.



3

Read results on screen, or press "Print" for a hard copy. Complete in approximately 15 minutes.



Easy, fast and accurate.

# Tests available on the Triage System

Test	Intended Use	CPT Code
Triage BNP Test PN: 98000XR	Aids in the diagnosis and assessment of severity of heart failure; the test is also used for the risk stratification of patients with acute coronary syndromes and for the risk stratification of patients with heart failure.	83880
Triage D-Dimer Test PN: 98100	Aids in the assessment and evaluation of patients suspected of disseminated intravascular coagulation or thromboembolic events including pulmonary embolism.	85379
Triage Cardiac Panel PN: 97000HS	Aids in the diagnosis of myocardial infarction (injury).	Troponin I: 84484 CK-MB: 82553 Myoglobin: 83874

\* ACC, American College of Cardiology; AHA, American Heart Association; NYHA, New York Heart Association

1 American Heart Association. Heart Disease and Stroke Statistics—2011 Update. *Circulation*. 2011;123:e18 -e209.

2 Hunt SA et al. 2009 focused update incorporated into the ACC/AHA 2005 guidelines for the diagnosis and management of heart failure in adults. *J Am Coll Cardiol*. 2009;53:e1-e90.

3 Maisel AS et al. Rapid measurement of B-type natriuretic peptide in the emergency diagnosis of heart failure. *N Engl J Med*. 2002;347:161-7.

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