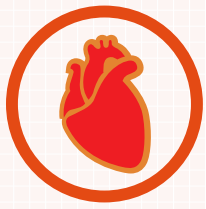


# CHRONIC HEART FAILURE IN AMERICA

## AN UNRECOGNIZED EPIDEMIC



Heart failure, or HF, is a debilitating and potentially life-threatening condition where the heart cannot pump enough blood around the body<sup>1</sup>

### ABOUT HEART FAILURE

NEARLY **6 MILLION**

The current number of Americans diagnosed with HF<sup>2</sup>

Ejection fraction is a measurement of how well the heart is pumping blood. A normal ejection fraction is 55 to 70%<sup>3</sup>

**~1/2** of HF patients have a reduced ejection fraction<sup>4</sup>

### HEALTH & ECONOMIC BURDEN

NEARLY **100** PER **Hr**

The number of new patients diagnosed with HF per hour<sup>2</sup>

**~50%**

The percentage of patients who die within 5 years after being diagnosed<sup>5,6</sup>

**>\$30 BILLION**

The total costs (direct + indirect) of HF in the U.S.<sup>7</sup>

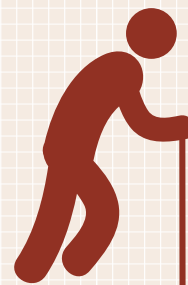
### HF & HOSPITALIZATION

**>1 MILLION**

The number of hospitalizations for HF each year<sup>2</sup>

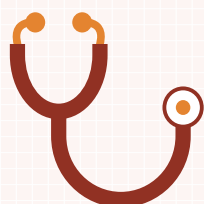


**#1**



Cause of hospitalization in people 65 years and older<sup>8</sup>

### CAUSES & SYMPTOMS



HF occurs when the heart's function is reduced. This can happen following a heart attack or other illnesses affecting the heart, or by damage sustained more gradually due to conditions such as high blood pressure or coronary artery disease<sup>1,9</sup>

Common symptoms include shortness of breath, fatigue and swelling caused by fluid build up<sup>1,9</sup>

 **NOVARTIS**  
PHARMACEUTICALS

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