

HEART FAILURE

Heart failure is a **progressive, debilitating** and **potentially fatal condition** that occurs when the heart cannot pump enough blood around the body¹



SYMPTOMS

include **shortness of breath**, **swollen ankles** or **swelling** and **fatigue**, amongst others²

LEADING CAUSES include:²



Coronary heart disease



High blood pressure



Diabetes

PREVALENCE

Approximately

26 million people



worldwide are living with heart failure^{3,4}

1 person in 5 is expected to develop heart failure⁵



Prevalence of **heart failure**



is expected to increase as the population ages²

ECONOMIC BURDEN

Heart failure is the leading cause of hospitalisation in the **US and Europe**³



>1 MILLION admissions per year as a primary diagnosis³

Treatment of heart failure accounts for approximately

1-2%

of healthcare expenditure in **Europe and the US**⁶

\$ Globally, heart failure was estimated to cost about **US\$ 100 BILLION** in 2012⁴

COMORBIDITIES

74% of people with heart failure have at least 1 comorbidity:⁷



41% chronic kidney disease



29% diabetes



29% anaemia

Associated comorbidities contribute to mortality and impaired quality of life⁷

MANAGEMENT



There is a high unmet need in the treatment of heart failure, as up to **45%** of people admitted to hospital with **heart failure die within 1 year** and half die within 5 years⁵

Currently, there is **no cure for heart failure**, but medicine and lifestyle changes can help reduce mortality, morbidity and improve quality of life.²

Further research is also underway into new ways to **treat heart failure and its complications**⁵

References: 1. Hunt SA, Abraham WT, Chin MH, et al. 2009 Focused Update Incorporated Into the ACC/AHA 2005 Guidelines for the Diagnosis and Management of Heart Failure in Adults. *Circulation* 2009;119:e391-479. 2. Dickstein K, Cohen-Solal A, Filippatos G, et al. ESC Guidelines for the diagnosis and treatment of acute and chronic heart failure 2008. *Eur Heart J* 2008;29:2388-422. 3. Ambrosy AP, Fonarow GC, Butler J, et al. The Global Health and Economic Burden of Hospitalizations for Heart Failure. *J Am Coll Cardiol*. 2014;63(12):1123-33. 4. Dokainish H, Teo K, Zhu J, et al. Global mortality variations in patients with heart failure: results from the International Congestive Heart Failure (INTER-CHF) prospective cohort study. *Lancet Glob Health* 2017;5(7):e665-72. 5. Ponikowski P, Anker SG, AlHabib KF, et al. Heart failure: Preventing disease and death worldwide. *ESC Heart Fail*. 2014;1(1):4-25. 6. Cowie MR, Anker SD, Cleland JGF, et al. Improving care for patients with acute heart failure: before, during and after hospitalization. *ESC Heart Fail*. 2014;1(2):110-45. 7. van Deursen VM, Urso R, Laroche C, et al. Co-morbidities in patients with heart failure: an analysis of the European Heart Failure Pilot Survey. *Eur J Heart Fail*. 2014;16(1):103-11.