



SERVE-HF

Treatment of Sleep-Disordered Breathing by Adaptive Servo-Ventilation in HF patients



Assessing the benefits of PaceWave™ ASV therapy on patients with heart failure and sleep-disordered breathing (SDB)?

Sponsored by ResMed (www.resmed.com), SERVE-HF is, to date, the largest randomised controlled study in the field of sleep-disordered breathing (SDB) related to chronic heart failure.

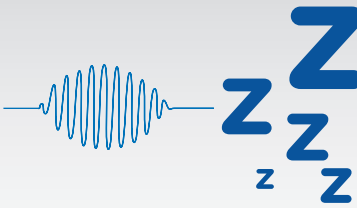
Results, expected in 2015, could have a big impact on the future management of heart failure patients.

SLEEP-DISORDERED BREATHING IN HEART FAILURE – THE FACTS

There are an estimated

15million

patients suffering from heart failure in Europe¹



SDB is the **most common** heart failure co-morbidity. However, it remains one of the **least recognised** by cardiologists²

SDB is estimated to be present in



50-75%

of heart failure patients^{3,4}

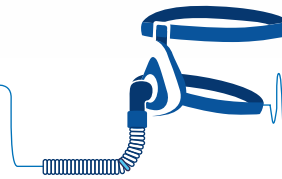


In heart failure patients, central SDB is associated with:

- increased mortality
- cardiac hospital readmissions
- lower quality of life^{5,6,7}

Effective treatment of

central SDB using PaceWave™ ASV improves cardiac function and may increase survival in HF patients^{6,7,8,9}



SERVE-HF is the first large-scale randomised trial assessing the benefits

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The trial is assessing **the benefits** of PaceWave™ ASV therapy on heart failure patients and **the cost/benefit ratio**



1,325 Patients

are now enrolled in this trial, which is taking place in **80 centres** across Europe and Australia

Patients will be followed up on average for a period of ~ **54 months** (24 months–84 months)

The first patient was randomised in 2008 and the study is likely to complete in **2015**

KEY AREAS OF FOCUS IN SERVE-HF ARE:

- Time to death
- Unplanned heart failure related hospitalisation
- Impact on health economics
- Quality of life
- Cardiac function
- Exercise capacity

SERVE-HF could change how we manage SDB in heart failure patients

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