



# HEART FAILURE EXACERBATION

**10-14 days advance notification  
before the onset of symptoms  
enables ambulatory treatment**



Significant reduction in CHF related hospitalization



Significantly improves patient's quality of life



Advanced notification enables Ambulatory treatment



Respiratory Stability Index gives predictive indication of CHF exacerbation



**US-FDA APPROVED  
MEDICAL WATCH**

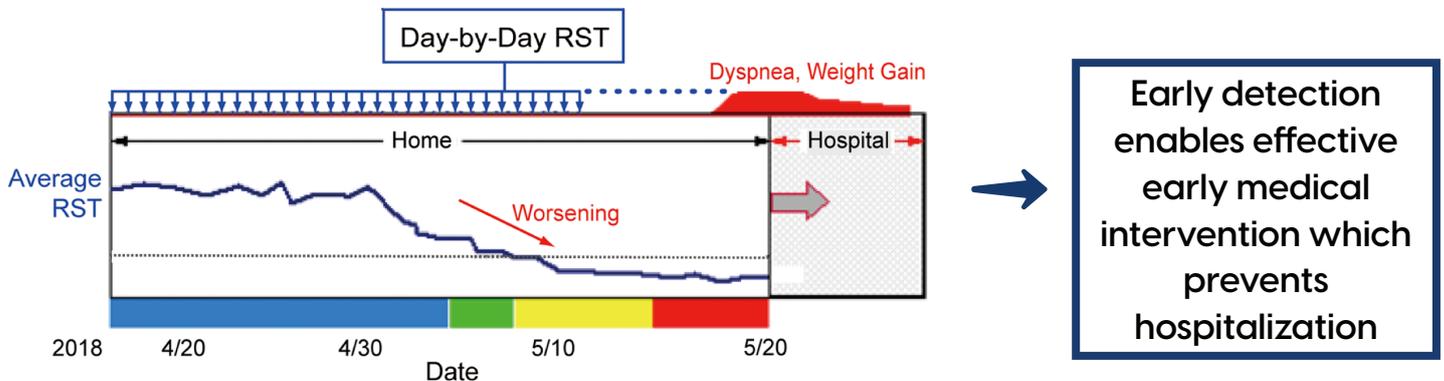
**Revolutionize Heart Failure Patient Monitoring**

## Evidence 1

Respiratory stability time (RST) indicates worsening Heart Failure condition and allows the detection of an early sign of Heart Failure deterioration.<sup>1</sup>

## Evidence 2

All-night respiratory stability index reflects congestive signs and the clinical status of Heart Failure during the recovery process from acute decompensation.<sup>2</sup>



Early detection enables effective early medical intervention which prevents hospitalization

## How will CardiacSense help you?

- ✔ Long term continuous remote patient monitoring of vitals & ECG, Improves patient's quality of life
- ✔ Monthly trend monitoring reports gives holistic view of patient's health leads to better patient care
- ✔ Reduces hospitalizations & duration of hospital stays.
- ✔ Timely detection and intervention potentially leads to better patient's clinical outcome.
- ✔ User Portal generates & shares daily, monthly event reports with doctors might help in actionable treatment decision
- ✔ Doctor Portal: Real-time ECG on request, customizable thresholds, prioritize notifications Individualization of patient care
- ✔ Ease of access: Connectivity to EMR/EHR and third-party apps
- ✔ Ensures easy, precise diagnosis that results in proactive care

### Acronym]

CHF - Congestive Heart Failure, ECG - Electrocardiography, EMR - Electronic medical record, EHR - Electronic Health Record.

### References:

<sup>1</sup> Circulation Journal, Circ J 2022; 86: 1081–1091, <https://doi.org/10.1253/circj.CJ-21-0590>

<sup>2</sup> Takagawa J, Asanai H, Tobushi T, Kumagai N, Kadokami T, Dohi K, Joho S, Wada O, Kayama T, Haruki N, Ando SI. Multicenter, prospective study on respiratory stability during recovery from deterioration of chronic heart failure. Circulation Journal. 2018 Dec 25;83(1):164-73.



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