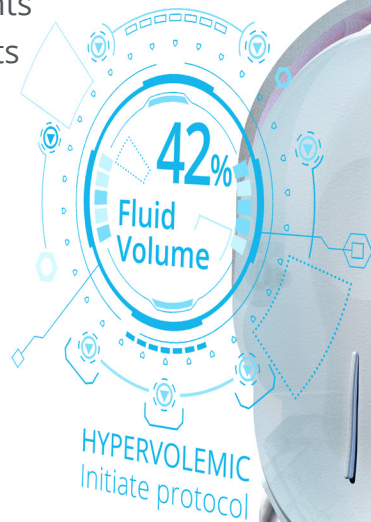


ReDS™ PRO

Remote Dielectric Sensing
Lung Fluid Measurements
for Heart Failure Patients



Break the cycle.

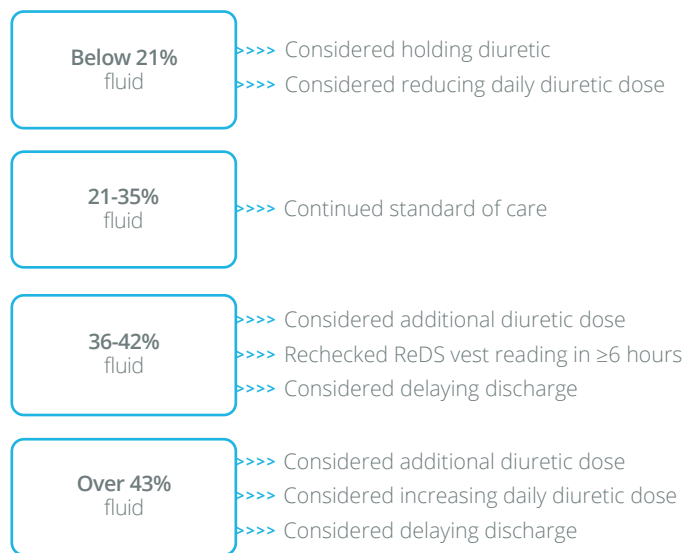
"ReDS is the fifth vital sign for patients with congestive heart failure."

- Dr. William Abraham

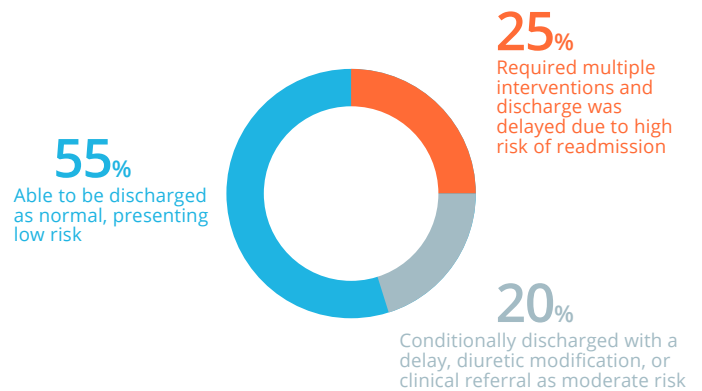
Risk Stratification Study with ReDS¹

By providing an accurate, absolute percentage of fluid measured in the lung, ReDS can help to risk stratify patients with varying degrees of fluid congestion. Dr. Scott Feitell of Rochester General Hospital designed a 163 patient study measuring readmissions that utilized ReDS to identify fluid status and help to adequately diurese patients at discharge.

The Method²



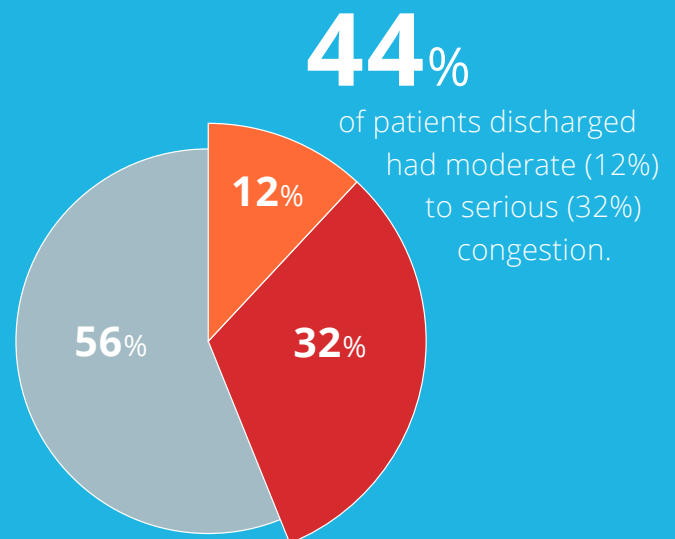
The Results



Rochester saw a **57.7% reduction in readmission** from 33% to 14%.¹

Discharging Patients Dry - Study³

A randomized controlled trial by Dr. Daniel Bensimhon at Cone Health, with blinded ReDS measurements at planned discharge, showed that near half (44%) of all patients had moderate to severe congestion (ReDS > 35%), corroborating the conclusion of the ADHERE study.⁴ Patients in treatment arm with ReDS > 39% were referred to HF service and diuresed effectively as demonstrated by a 2nd ReDS reading. The corresponding group in the control was discharged as planned and had more readmissions. The readmission rate was lower for patients who were discharged as planned with ReDS < 39%.³



1 - Roy S, Zafar A, Vazquez C, Biniwale N, Tong Q, Singh H, Barssoum K, Oates P, Wojciechowski K, Feitell S. Noninvasive Remote Dielectric Sensing Vest Significantly Reduces Readmission Rate of Patients with Heart Failure. Journal of Cardiac Failure Vol. 24 No. 8S August 2018, p. S92. (Retrospective single center study)

2 - Fluid ranges and protocols, here and in the previous page, are only examples developed by clients for their use or for study purposes, to help interpret the fluid volume information provided by the ReDS system.

3 - Bensimhon D, et al. Readiness for Discharge of Heart Failure Patients Based on ReDS Lung Fluid Measurement. Journal of Cardiac Failure Vol. 23 NO 8S August 2017, p. S66.

4 - Abraham, William et al. "In-Hospital Mortality in Patients with Acute Decompensated Heart Failure Requiring Intravenous Vasoactive Medications: an Analysis from the Acute Decompensated Heart Failure National Registry (ADHERE)." Journal of the American College of Cardiology, U.S. National Library of Medicine, 5 July 2005, www.ncbi.nlm.nih.gov/pubmed/15992636.

Please consult the ReDS User Manual for device performance, warnings, and contraindications.