

# Accepted Manuscript

Title: The Mechanical Revolution

Author: Esther Vorovich

PII: S1071-9164(18)30142-8

DOI: <https://doi.org/10.1016/j.cardfail.2018.04.001>

Reference: YJCAF 4123

To appear in: *Journal of Cardiac Failure*

Received date: 6-4-2018

Revised date: 6-4-2018

Accepted date: 6-4-2018



Please cite this article as: Esther Vorovich, The Mechanical Revolution, *Journal of Cardiac Failure* (2018), <https://doi.org/10.1016/j.cardfail.2018.04.001>.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

## The Mechanical Revolution

*“The machine does not isolate man from the great problems of nature but plunges him more deeply into them”*. -Antoine de Saint-Exupery

Esther Vorovich, MD MSCE  
Assistant Professor of Medicine  
Feinberg School of Medicine  
Northwestern University  
676 North St. Clair St  
Suite 600  
Chicago, IL 60091  
312-396-6983  
esther.vorovich@nm.org

Keywords: Ventricular assist devices, REMATCH trial, innovation, continuous flow VAD therapy

Following early ventricular assist device (VAD) innovation in the 1960s, accelerated machine design led to the development of durable, long term, implantable VADs that have dramatically improved survival, functional status and quality of life for patients facing end stage heart failure (HF). These changes and wide acceptance of VAD use has led to what can now be aptly termed a mechanical revolution- marking a turning point in the treatment of patients with HF and representing the most rapidly changing aspect of our field. As a consequence, imminent death is no longer inevitable for patients who are ineligible for or too sick to survive until heart transplantation.

We have also witnessed a transition in definitions: incorporation of VADs into practice takes on different meanings for physicians at various stages of their careers. From my perspective, the rapid development of VAD technology applied in the clinical setting levels the playing field as junior colleagues learn alongside rather than from their mentors; this is in direct

Download English Version:

<https://daneshyari.com/en/article/8667654>

Download Persian Version:

<https://daneshyari.com/article/8667654>

[Daneshyari.com](https://daneshyari.com)