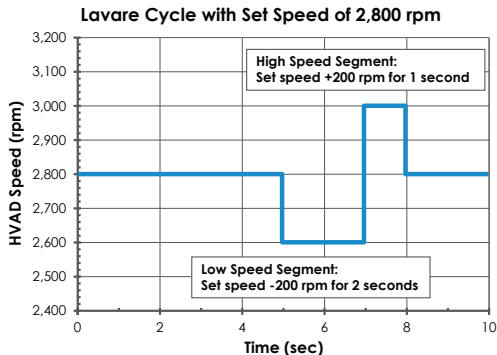
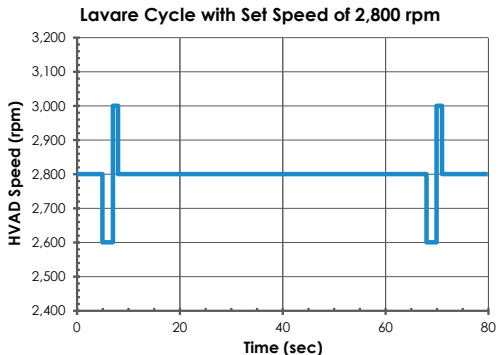


# HVAD® Lavare™ Cycle

Designed to alter flow patterns within the left ventricle and may reduce areas of potential blood stasis.<sup>1</sup>



A periodic speed variation consisting of a decrease in speed 200 RPM below the set speed for two seconds followed by an increase in speed 200 RPM above the set speed for one second before returning to the base line set speed.



The Lavare Cycle is repeated every 60 seconds, designed to maintain therapeutic support.



Initiation should occur after implantation of the HVAD® System once the patient is hemodynamically stable.



The HVAD System provides the clinician the option to enable or disable the Lavare Cycle based on clinical judgment.



With certain types of events, such as suspected thrombosis, the Lavare Cycle should be turned off.



For more information on the Lavare Cycle, contact your local HeartWare Representative.

1. D. Zimpfer, et al. Evaluation of the HeartWare ventricular assist device Lavare Cycle in a particle image velocimetry model and in clinical practice. EJCTS. 2016. Online ahead of print. September 7, 2016 doi:10.1093/ejcts/ezw232.