WHEN SHOULD PATIENTS BE CONSIDERED FOR HEARTMATE™ LVAD THERAPY?

Patients with the following should be referred for evaluation for advanced heart failure therapies, including LVAD therapy:

1 NYHA CLASS IIIB OR IV HEART FAILURE (INTERMACS‡ 1-6)

2 ANY ONE OF THE FOLLOWING TRIGGERS[1]:

I	IV Inotropes
N	NYHA IIIB/IV or persistently elevated natriuretic peptides
E	End-organ dysfunction (Cr > 1.8 mg/dL or BUN > 43 mg/dL)
E	Ejection fraction ≤ 35%
D	Defibrillator shocks
H	Hospitalizations > 1
E	Edema (or elevated PA pressure) despite escalating diuretics
L	Low blood pressure, high heart rate
P	Prognostic medication — progressive intolerance or down-titration GDMT

Additional patient considerations:

- CRT nonresponder
- Physical activity limited or impaired quality of life

1. 2017 ACC Expert Consensus Decision Pathway for Optimization of Heart Failure Treatment: Answers to 10 Pivotal Issues About Heart Failure With Reduced Ejection Fraction: A Report of the American College of Cardiology Task Force on Expert Consensus Decision Pathways. Yancy CW, Januzzi JL Jr, Allen LA, Butler J, Davis LL, Fonarow GC, Ibrahim NE, Jessup M, Lindenfeld J, Maddox TM, Masoudi FA, Motiwala SR, Patterson JH, Walsh MN, Wasserman A. *J Am Coll Cardiol.* January 16, 2018;71(2):201-230. doi: 10.1016/j.jacc.2017.11.025. Epub December 22, 2017.

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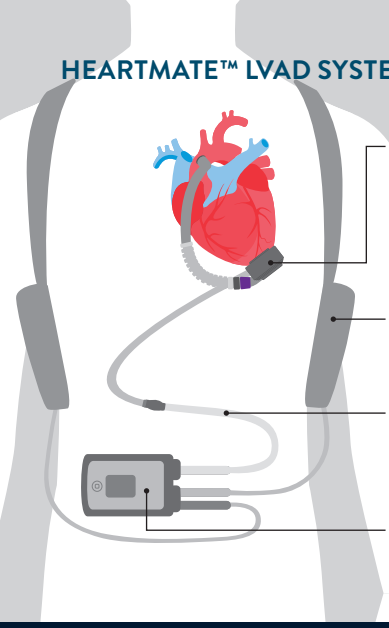
HEARTMATE™ LVAD SYSTEM



HEARTMATE™ LVAD* Connected to the left side of the heart and moves oxygenated blood from the left ventricle to the rest of the body.

BATTERIES Provide up to 17 hours of uninterupted power.**

DRIVELINE Transfers power and information between the controller and the LVAD.

CONTROLLER Powers and controls the LVAD and small enough to fit in a pocket.

* HeartMate 3™ LVAD shown.
** Up to 12 hours for HeartMate II™ LVAD and up to 17 hours for HeartMate 3™ LVAD.

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Brief Summary: Prior to using these devices, please review the Instructions for Use for a complete listing of indications, contraindications, warnings, precautions, potentential adverse events and directions for use.

28684-SJM-HMP-0818-0038a
Item approved for use outside the United States.
Check the regulatory status of the device in areas where CE marking is not the regulation in force.

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