**Full MagLev™ flow technology**

**Magnetic levitation at any speed**
- Pump rotor is levitated and completely suspended by magnetic forces
- Rotor stays centred in pump housing regardless of its orientation
  - Conversely, in hydrodynamic bearing systems, blood flow pathway size and flow volume are dependent upon pump speed
- Full levitation even at zero speed

**HeartMate III™ LVAD**

**Wide range of operation, from 2 to 10 L/minute**
- Allows use in a wide range of patients
- Initiates and maintains full blood flow even at low speeds
- No minimum rotor speed required

**Pulsatility**
- Maintains a zero net change in flow
- Full MagLev flow technology enables rapid speed changes
Full MagLev™ flow technology is designed for optimal haemocompatibility

Designed to minimise:

- Shear stress and stasis
- Haemolysis
- Effects on von Willebrand factor
- Platelet activation

Large, consistent blood flow pathways

- Designed for smooth and open blood flow transitions

10 to 20 times the size of the blood flow pathways of hydrodynamic bearing systems

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For more information on Full MagLev flow technology, please contact your Thoratec clinical support specialist.