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CentriMag™ Acute Circulatory Support System with Full MagLev™ Flow Technology

- The ONLY extracorporeal **pump powered by Full MagLev™ Flow Technology**, the same technology behind the excellent **outcomes of the HeartMate 3™ LVAD**[1]
- Broad Spectrum with the Options for Use
- Designed for Optimal Haemocompatibility[2-3]
- **5%** Low Haemolysis[2]
- **2.5%** Low Device-related Thrombosis[2]
- **Improved** End Organ Function[3]

To learn more about the CentriMag™ Acute Circulatory Support System

CLICK HERE

1. Mehra M, Uriel N, Naka Y, et al. A Fully Magnetically Levitated Ventricular Assist Device-Final Report. *N Engl J Med*. 2019;380:1618-1627.

2. John, R., Long, J. W., Massey, H. T., Griffith, B. P., Sun, B. C., Tector, A. J., & Joyce, L. D. (2011). Outcomes of a multicenter trial of the Levitronix CentriMag ventricular assist system for short-term circulatory support. *The Journal of Thoracic and Cardiovascular Surgery,* 141(4), 932-939.

3. John, R., Liao, K., Lietz, K., Kamdar, F., Colvin-Adams, M., Boyle, A., . . . Joyce, L. (2007). Experience with the Levitronix CentriMag circulatory support system as a bridge to decision in patients with refractory acute cardiogenic shock and multisystem organ failure. *The Journal of Thoracic and Cardiovascular Surgery*, 134(2), 351-358.

Abbott
The Corporate Village, Da Vincilaan 11 Box F1, 1935 Zaventem, Belgium, +32 2 774 68 11
Cardiovascular.abbott

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

The 2nd Generation CentriMag™ Acute Circulatory Support System is intended for use for up to 30 days to support one or both sides of the heart. In addition, the 2nd Generation CentriMag Acute Circulatory Support System is intended for use in an ECMO circuit to provide cardiopulmonary support for up to 30 days when used with other commercially available (CE Marked) components approved for this application.

The PediVAS™ Blood Pump System is intended to provide circulatory support in neonates, infants and other paediatric patients. The PediVAS Blood Pump System can provide up to 1.7 L/min of blood flow when used with commercially available neonatal and paediatric cannulae. In addition, the PediVAS Blood Pump System may be used in an ECMO circuit to provide cardiopulmonary support when used with other commercially approved (CE Marked) components for this application. The PediVAS Blood Pump System may be used for up to 30 days of continuous support.

The CentriMag and PediVAS Blood Pump Systems are indicated for use only with the 2nd Generation CentriMag Acute Circulatory Support System and other supplied Thoratec™ hardware.

Contraindications for Use: The CentriMag Acute Circulatory Support System and PediVAS Blood Pump System are contraindicated for use as a cardiotomy suction device. The systems are also contraindicated for patients who are unable or unwilling to be treated with appropriate anticoagulation, such as heparin or comparable medications.

CentriMag™ 34F Drainage (Venous) Cannula Kit Indications for Use: The CentriMag Drainage Cannula is indicated for use with the CentriMag Blood Pump. The cannula is indicated for use for up to 30 days.

CentriMag 34F Drainage (Venous) Cannula Kit Contraindications: The CentriMag Drainage Cannula is contraindicated for patients who are unable or unwilling to be treated with heparin. The CentriMag Drainage Cannula is not intended for peripheral cannulation.

CentriMag™ 24F Return (Arterial) Cannula Kit Indications for Use: The CentriMag Return Cannula is indicated for use only with the CentriMag Blood Pump. The cannula is indicated for use for up to 30 days.

CentriMag 24F Return (Arterial) Cannula Kit Contraindications: The CentriMag Return Cannula is contraindicated for patients who are unable or unwilling to be treated with heparin. The CentriMag Return Cannula is not intended for peripheral cannulation.

MAT-2001228 v1.0 | Item approved for OUS use only.