

Unrivalled Percutaneous Circulatory Support

CardiacAssist is a growing and profitable medical technology company that develops, manufactures and markets cardiac assist devices. The Company has developed the world's first and only proprietary platform technology that provides a short-term circulatory support system for both cardiologists and cardiac surgeons.

While drug treatment can provide support for patients experiencing acute heart failure, some do not respond to maximum medical therapy with or without IABP (intra-aortic balloon pump) treatment. There is growing evidence to suggest that earlier deployment of mechanical circulatory support is a critical determinant of success. Cardiologists and cardiac surgeons are therefore searching for novel treatment solutions to reduce the high incidence of morbidity and mortality for profound heart failure patients.

The FDA-cleared TandemHeart® System delivers extracorporeal circulatory support in just minutes... not hours.

Used by cardiologists in the cath lab and by cardiac surgeons in the OR (operating room), *TandemHeart* can provide up to 5.0 lpm of circulatory support when used percutaneously, and up to 8.0 lpm of circulatory support with a direct surgical cannulation method. *TandemHeart* is comprised of three major sub-systems: (1) the **TandemHeart Pump** provides circulating power to pull oxygenated blood from the left atrium and to return it to the systemic arterial circulation; (2) the **TandemHeart Cannulae Set** connects the pump to the body by way of two percutaneous access points in the patient's groin; and (3) the **TandemHeart Controllers** provide operating power to the pump, provides a controlled flow of lubricant to the pump, and also provides automatic system-monitoring and alarms that indicate conditions which require immediate attention.



TandemHeart®
System

TandemHeart is now used in nearly 90% of the nation's elite cardiac centers, including 10 of the top-10, as recognized by U.S. News & World Report. *TandemHeart* is unique in providing extracorporeal circulatory support for cardiac patients while providing versatility to physicians in choosing the time, place and type of further treatment.

“No other device on the market provides the level of blood flow, hemodynamic support, and clinical versatility of the TandemHeart.” Over 2,500 of the most dire cardiac patients at a majority of the finest hospitals across the U.S. have benefited from *TandemHeart* availability. This is why *TandemHeart* is fast becoming a standard of care at the leading heart hospitals for extracorporeal circulatory support,” says John Marous, President & CEO of CardiacAssist.

Key Information

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Financing Privately held

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TANDEMHEART® NOW USED IN 100+ OF TOP U.S. CARDIAC CENTERS

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