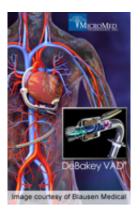


Ventricular assist device beneficial in youth heart failure

August 9 2012



For children with severe heart failure, use of a ventricular assist device as a bridge to heart transplantation is associated with improved survival compared with extracorporeal membrane oxygenation, according to a study published in the Aug. 9 issue of the *New England Journal of Medicine*.

(HealthDay) -- For children with severe heart failure, use of a ventricular assist device as a bridge to heart transplantation is associated with improved survival compared with extracorporeal membrane oxygenation (ECMO), according to a study published in the Aug. 9 issue of the *New England Journal of Medicine*.

Charles D. Fraser Jr., M.D., from Texas Children's Hospital in Houston, and colleagues conducted a prospective, single-group trial of a ventricular assist device designed as a bridge to heart transplantation for children. Forty-eight children, aged 16 years or younger, were divided



into two cohorts of 24 according to body-surface area. Survival was compared with two propensity-score-matched historical control groups who underwent ECMO.

The researchers found that, for <u>participants</u> in cohort 1 (body-surface area

Citation: Ventricular assist device beneficial in youth heart failure (2012, August 9) retrieved 23 April 2024 from

https://medicalxpress.com/news/2012-08-ventricular-device-beneficial-youth-heart.html

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