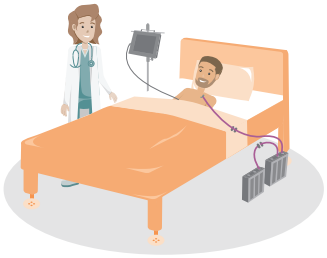
Mechanical Circulatory Support (MCS) in ACHD* Patients

action
ADVANCED CARDIAC THERAPIES IMPROVING OUTCOMES NETWORK

MCS MAY HELP ACHD* PATIENTS WITH HEART FAILURE



as a form of chronic **therapy**

Ventricular Assist Device

Total Artificial Heart

OR

as a way to survive to **transplant**

GOALS WHEN ON MCS

Go home
89% are discharged

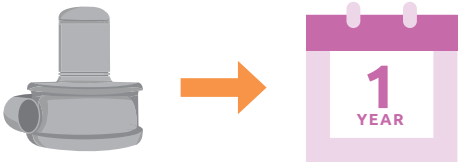
Get stronger
MCS improves exercise tolerance

Feel better
MCS improves quality of life and symptoms

Go back to work/school

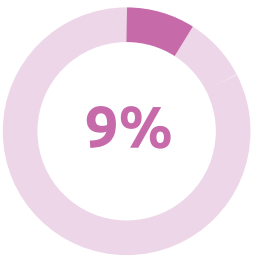
ACHD* PATIENTS WITH MCS HAVE A

72%

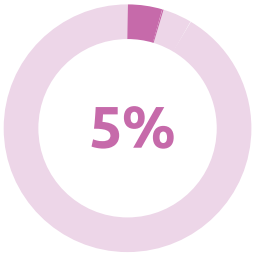


SURVIVAL RATE TO ONE YEAR

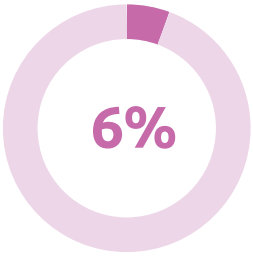
RATES OF MOST COMMON COMPLICATIONS



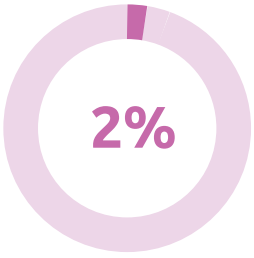
infection



abnormal heart rhythm



bleeding requiring therapy



stroke

*Adult Congenital Heart Disease

see more>

MCS in ACHD* Patients

continued

action
ADVANCED CARDIAC THERAPIES
IMPROVING OUTCOMES NETWORK

SOURCES *(Data based on patients ages 21 and older)*

Heart transplantation with or without prior mechanical circulatory support in adults with congenital heart disease.
Maxwell BG, Eur J Cardiothorac Surg. 2014

Impact of Durable Ventricular Assist Device Support on Outcomes of Patients with Congenital Heart Disease Waiting for Heart Transplant.
Cedars A, ASAIO J. 2019

An Interagency Registry for Mechanically Assisted Circulatory Support (INTERMACS) analysis of hospitalization, functional status, and mortality after mechanical circulatory support in adults with congenital heart disease.
Cedars A, J Heart Lung Transplant. 2018

Outcomes following implantation of mechanical circulatory support in adults with congenital heart disease: An analysis of the Interagency Registry for Mechanically Assisted Circulatory Support (INTERMACS).
VanderPluym CJ, J Heart Lung Transplant. 2018

*Adult Congenital Heart Disease