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Role of short-term circulatory support in recovery, LVAD preparation and right ventricle support: Better solutions for better outcomes

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Left Ventricular Assist Devices (LVADs) have been a successful therapy for patients in decompensating heart failure. However, there is often a substantial decision-making process involved prior to placing an LVAD, during which time a patient's condition can rapidly deteriorate. Short term mechanical circulatory support plays an important role to keep these heart failure patients stable enough to be eligible for more durable therapies. Heart failure teams are looking for better device solutions or surgical strategies to keep these patients stable, infection free, better mobilized, providing a multiorgan recovery out of a cardiogenic shock period. Short term devices are also widely used to support right ventricle in patients with right ventricle failure and/or after LVAD therapy.

Biography

Basar Sareyyupoglu has completed his M.D. at age of 24 years from Ankara University School of Medicine and completed his residency in Istanbul Kosuyolu Heart and Research Hospital in Turkey. He worked at Mayo Clinic, Rochester for 3 years and assigned as a clinical instructor at University of Pittsburgh Medical Center where he specialized in Thoracic Transplantation and mechanical circulatory support. Today he is an Assistant Professor of Surgery at Texas A&M College of Medicine and Director of Thoracic Transplantation and Mechanical Circulatory Support at Baylor, Scott & White Healthcare at Temple, Texas. He is a member of the Society of Thoracic Surgeons and International Society for Heart and Lung Transplantation.

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