

27th European Cardiology Conference

October 22-24, 2018 | Rome, Italy

Specialist directed remote heart management in the post-acute facility setting improves medication management and clinical outcomes

Kevin A Courville

Prevail Heart Clinics, USA

Although much time and resources are devoted to improving re-admission strategies for congestive heart failure in the outpatient setting, there is a paucity of effort directed towards post-acute facilities such as nursing homes and assisted living facilities. The vast majority of management of chronic cardiovascular diseases in this setting is performed by primary care physicians, nurse practitioners and physician assistants with little or no specialty involvement. The result is variable medication management with a high admission and re-admission rate of patients with chronic cardiovascular disease. Given the looming shortage of cardiovascular specialists in the United States, alternatives strategies to specialty care in this setting are needed. We observed the use of Pulsario remote heart management system in this setting. This system enables real time specialty care to be delivered without the physical presence of the cardiovascular specialist. Within the first 30 days of system deployment, there was an improvement in guideline directed medical therapy specific to a patient's underlying medical condition by 92.3%, the management of hypertension to goal was improved by 77.8% and 13.6% of patients avoided hospitalization. These results reveal the rapid improvements in medical therapy, reduction in hospitalization and feasibility of specialty care delivery by Pulsario remote heart management system within the post-acute care facility.

Biography

Kevin A Courville, MD is a Fellow of the Heart Failure Society of America (FHFA), Fellow of the American College of Cardiology (FACC) and Alpha Omega Alpha Honor Medical Society. He received his cardiology training at Ochsner Heart and Vascular Institute in New Orleans, Louisiana (USA). He has been recognized as one of the top cardiologists in America for several years and dedicates his clinical, research and development efforts into the outpatient management of heart failure and chronic cardiovascular diseases.