

Treating Heart Dysfunction Related to Cancer Therapy With Sacubitril/Valsartan

Status: RECRUITING

Eligibility Criteria

Age: 18 years to 120 years old

This study is NOT accepting healthy

Healthy Volunteers: volunteers

Inclusion Criteria:

* Age $\geq 40\%$ on echocardiogram or cardiac MRI * No symptoms of heart failure (shortness of breath, fatigue, swelling). Ordinary physical activity does not cause undue fatigue, palpitation, dyspnea (shortness of breath).

Exclusion Criteria:

* -Age < 18 years * Inability to obtain consent from patient or legally authorized representative * Active acute or chronic psychiatric illness that in the opinion of the investigator may prevent compliance with study instructions * Limited English or Spanish proficiency that in the opinion of the investigator may prevent understanding the content of the informed consent form or safely completing the study procedures * Participation in another concurrent intervention study within 30 days or treatment with an investigational drug within 5 half-lives prior to randomization * Greater than mild mitral or aortic valve regurgitation/stenosis known pre-cancer therapy * Severe kidney disease (GFR < 30 mL/min/1.73m²) * Chronic hyperkalemia (> 5 mmol/L) * Evidence of COVID-19 within the last 60 days or recent (21 days) exposure to close personal contact with COVID-19. * Greater than moderate tricuspid or pulmonary valve regurgitation/stenosis known pre-cancer therapy * Hemodynamically significant congenital heart disease in the opinion of the investigator (not including PFO/small ASD or small VSD) * Greater than moderate pericardial effusion * Constrictive cardiomyopathy diagnosed pre-cancer therapy * Family history of genetic cardiomyopathy * Evidence of infiltrative cardiomyopathy * Symptomatic heart disease based on NYHA classification * Allergy to valsartan or sacubitril * Inability to complete CMR or 6-minute walk test * Inability to measure non-invasive blood pressure and heart rate in the ambulatory/home setting * Pregnant/lactating * History of severe hypersensitivity reactions to gadolinium-based contrast agents (will perform limited cardiac imaging without contrast) * Concomitant use of other ACE inhibitors or ARBs, aliskiren, NSAIDs or lithium or the inability to stop these medications for the study

Conditions & Interventions

Interventions:

DRUG: Sacubitril-valsartan, DRUG: Valsartan

Conditions:

Heart Failure, Heart Dysfunction

More Information

Contact(s): Massey CTO CPC Team - masseycpc@vcu.edu

Principal Investigator: Bottinor, Wendy

Phase: PHASE1

IRB

Number: HM20023601

System ID: NCT05194111

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