



RESEARCH TOPIC CL16
ECHO-Diastolic Dysfunction (Echo-DiD)

Research Area

Medical Area

Clinical Unit name

Department of Cardiovascular Medicine

Supervisor

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Abstract

Heart Failure with Preserved Ejection Fraction is a very common clinical condition characterized by diastolic dysfunction, frequently misclassified due to diagnostic misinterpretations. The focus of this project will be to integrate clinical, imaging, and hemodynamic data for validating novel echocardiographic parameters for diastolic dysfunction assessment. The candidate will be responsible for generating a clinical database for the study. Additionally, she/he will be part of the team responsible for collecting clinical and imaging data and conducting follow-up assessments. The candidate needs to have completed at least the third year of specialty training in cardiology.

Scientific references

Rosch et al. Characteristics of Heart Failure With Preserved Ejection Fraction Across the Range of Left Ventricular Ejection Fraction. *Circulation*. 2022

Kresoja KP et al. Renal Sympathetic Denervation in Patients With Heart Failure With Preserved Ejection Fraction. *Circ Heart Fail*. 2021

Pagoulatou S et al. In vivo application and validation of a novel noninvasive method to estimate the end-systolic elastance. *Am J Physiol Heart Circ Physiol*. 2021

Type of contract

Position not supported by any scholarship or equivalent contract.