

Materials List for

Lumped-Parameter and Finite Element Modeling of Heart Failure with Preserved Ejection Fraction

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Citation

Rosalia, L., Ozturk, C., Roche, E.T. Lumped-Parameter and Finite Element Modeling of Heart Failure with Preserved Ejection Fraction. *J. Vis. Exp.* (), e62167, doi:10.3791/62167 (2021).

Date Published

February 13, 2021

DOI

10.3791/62167

URL

jove.com/video/62167

Materials

Name	Company	Catalog Number	Comments
Abaqus Software	Dassault Systèmes Simulia Corp.		Version used: 2018; FEA simulation software
HETVAL	Dassault Systèmes Simulia Corp.		Version used: 2018
Hydraulic (Isothermal) library	MathWorks		Version used: 2020a
Living Heart Human Model	Dassault Systèmes Simulia Corp.		Version used: V2_1, anatomically accurate FEA platform of 4-chamber adult human heart
MATLAB	MathWorks		Version used: 2020a, object-oriented numerical solver
SIMSCAPE FLUIDS	MathWorks		
UAMP	Dassault Systèmes Simulia Corp.		Version used: 2018
VUANISOHYPER	Dassault Systèmes Simulia Corp.		Version used: 2018