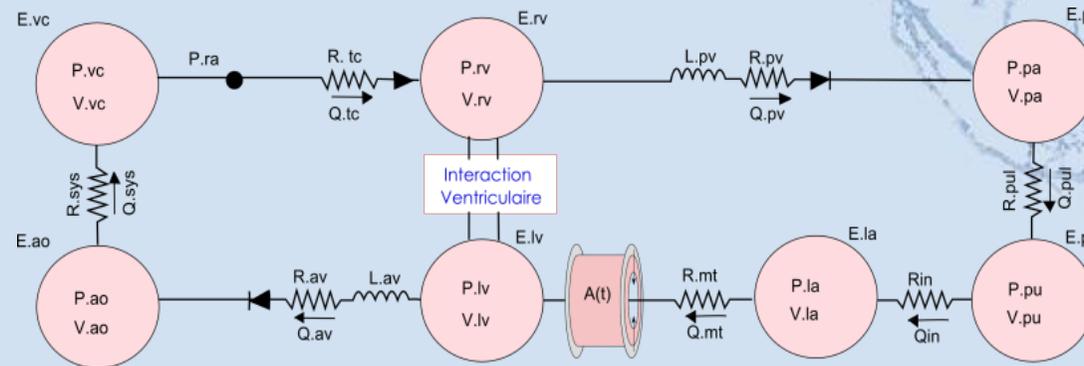


Minimal cardiovascular system model including physiological mitral valve opening

S. PAEME¹, K. MOORHEAD¹, J.G. CHASE², C.E. HANN², B. LAMBERMONT¹, P. KOLH¹,
M. MOONEN¹, P. LANCELLOTTI¹, P.C DAUBY¹, T. DESAIVE¹

¹ Cardiovascular Research Center, University of Liege, Belgium

² Centre for Bio-Engineering, University of Canterbury, Christchurch, New Zealand



This research describes a new closed-loop cardiovascular system (CVS) model including a model of the left atrium and a model describing the progressive aperture of the mitral valve.

