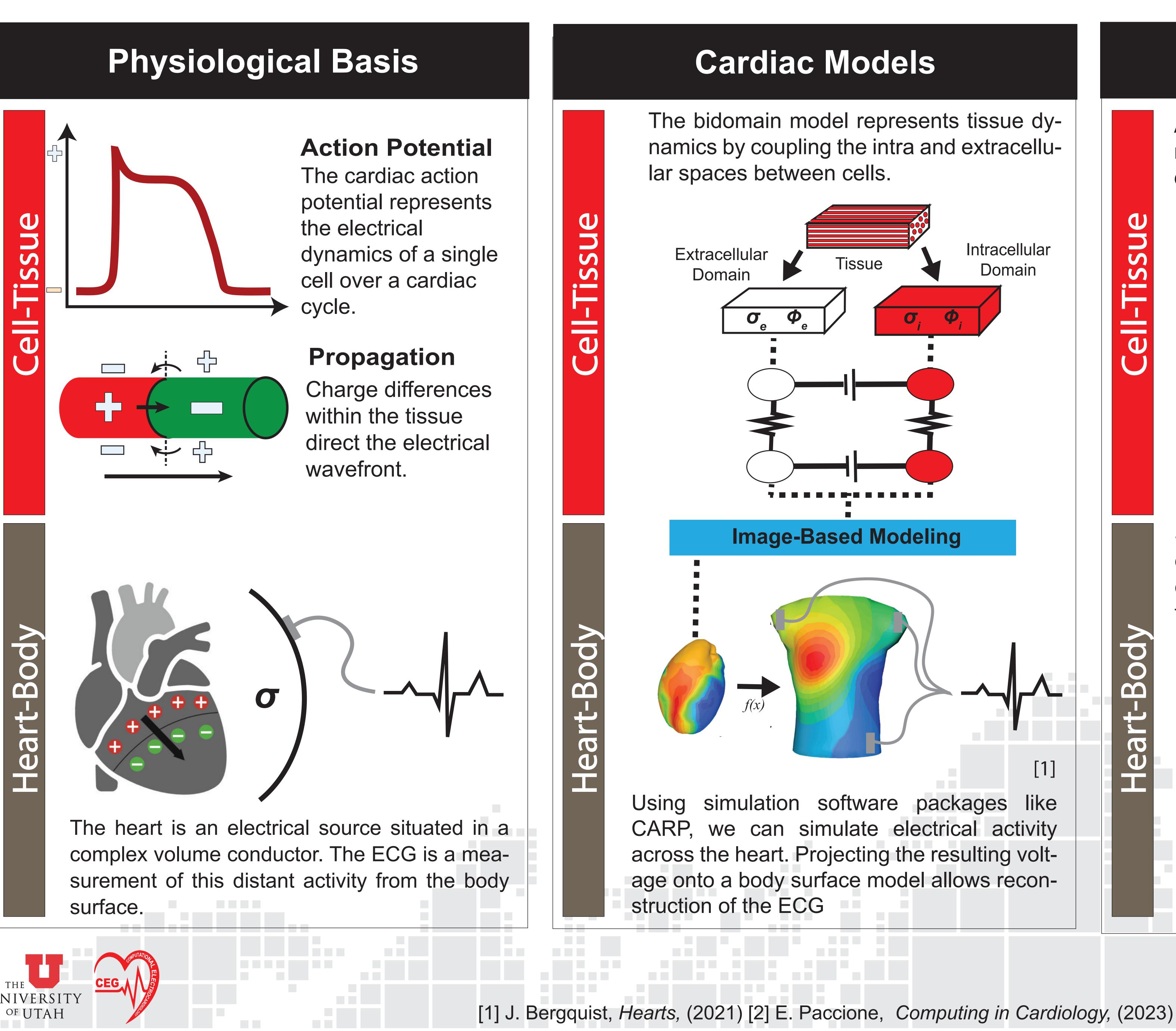
Modeling of Cardiac Electrophysiology

Computational Electrocardiology Group E. Paccione, B. A. Orkild, L. C. Rupp, A. Busatto, J. A. Bergquist, R. S. MacLeod

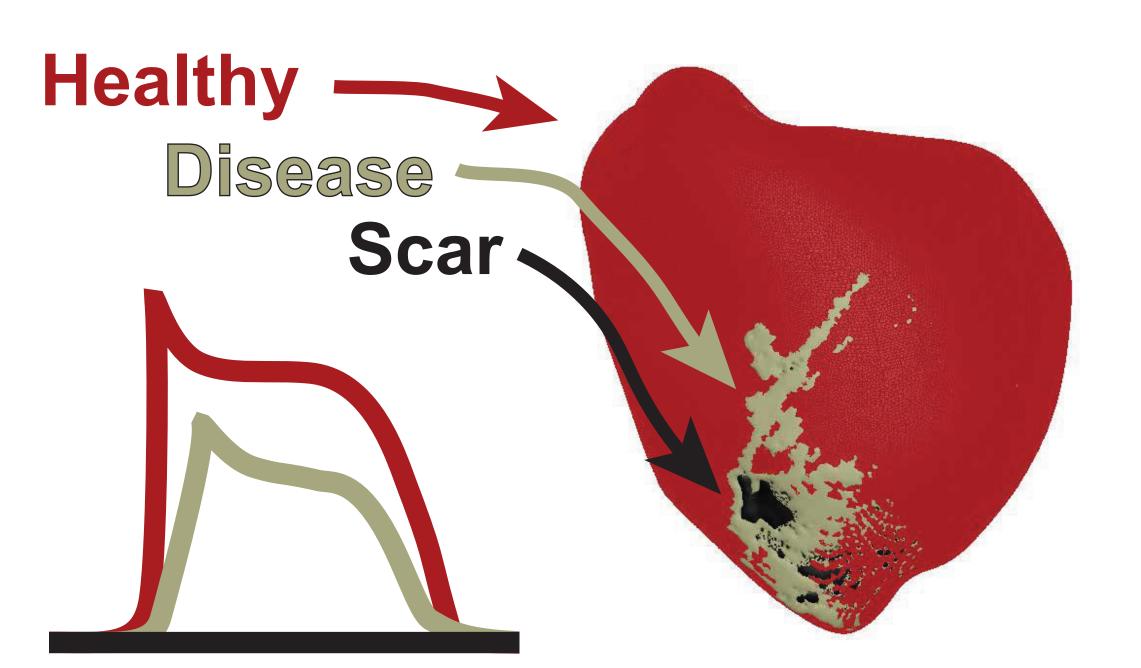


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Altering parameters of the cellular domain can model the electrical behavior of healthy and damaged tissue in a cardiac digital twin.



Simulations of propagation can replicate cardiac arrhythmias such as ventricular tachycardia. Reconstruction of the body surface allows for simulated ECG readings.

[2]

500 400 200



Application

