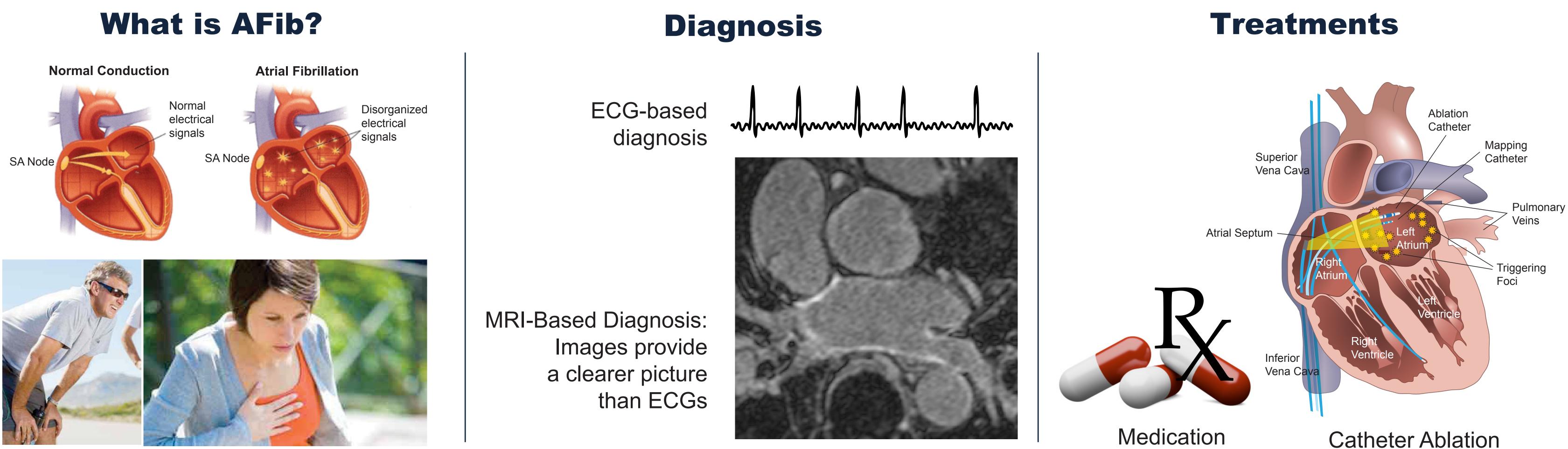
Tailored Atrial Fibrillation Management via Image Processing



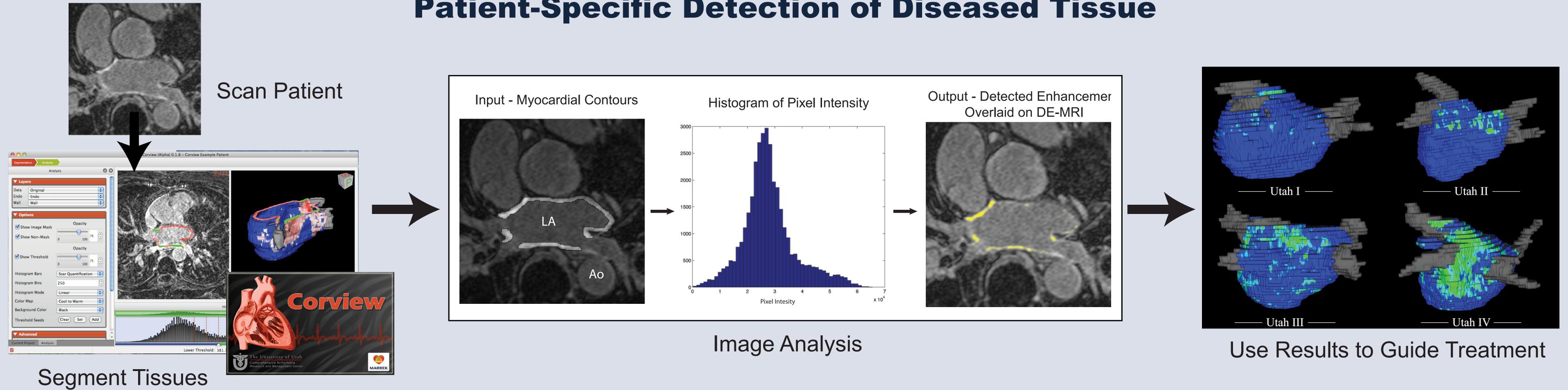
Medical Motivation:

Provide physicians with a better understanding of the tissue-changes underlying atrial fibrillation through computer modelling and image analysis





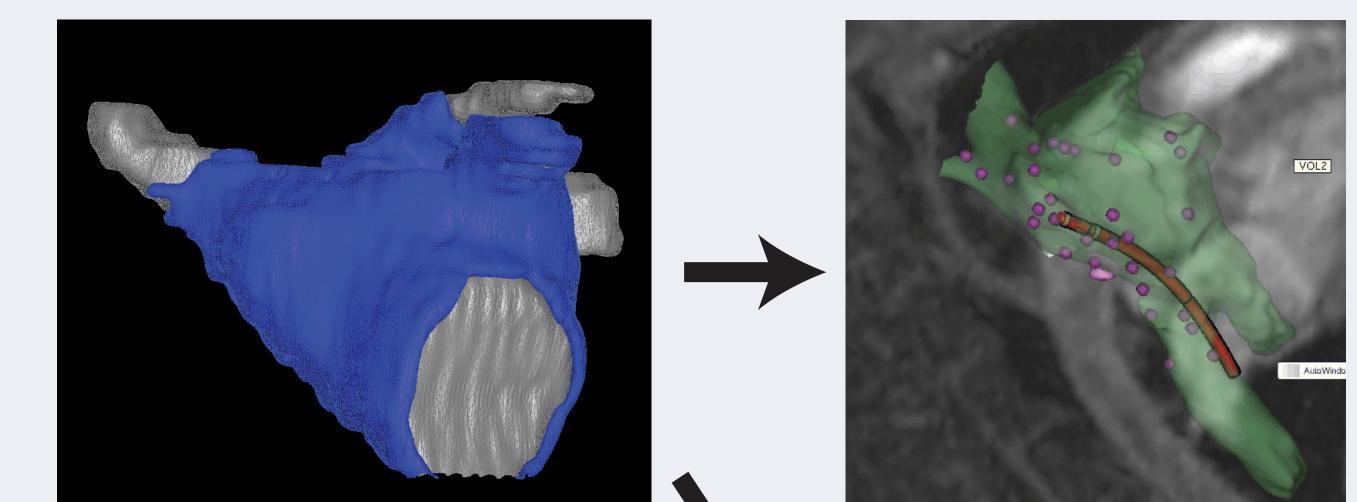




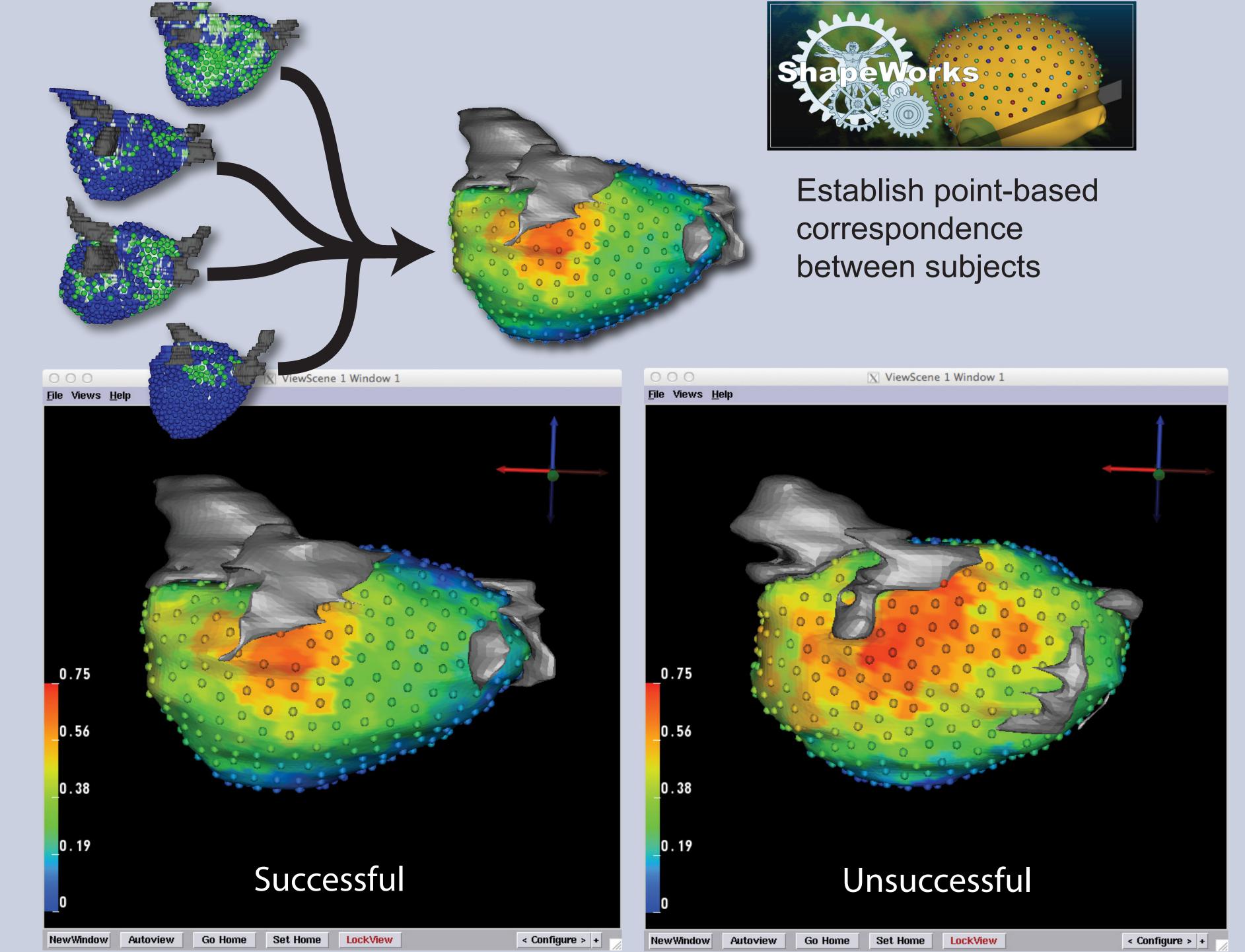
Patient-Specific Detection of Diseased Tissue

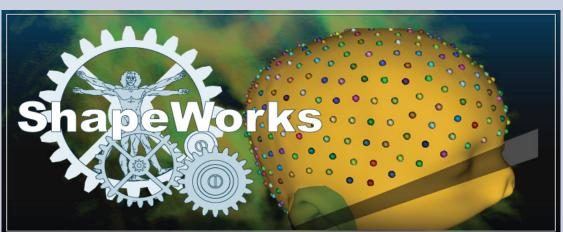
Simulation and Personalized Models





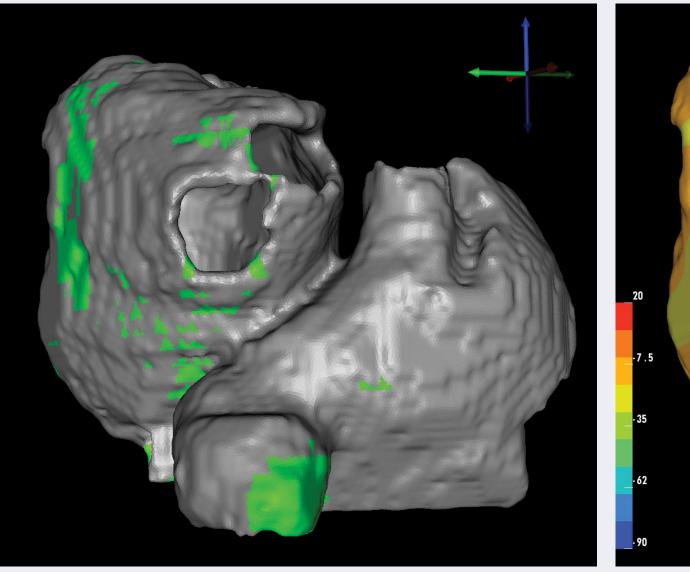
Regionalization of Diseased Tissue





Model generation

Image-guided procedures





Simulated effect of diseased tissue on electrical signalling

Diseased tissue is increasingly prevalent in patients with failed treatments

