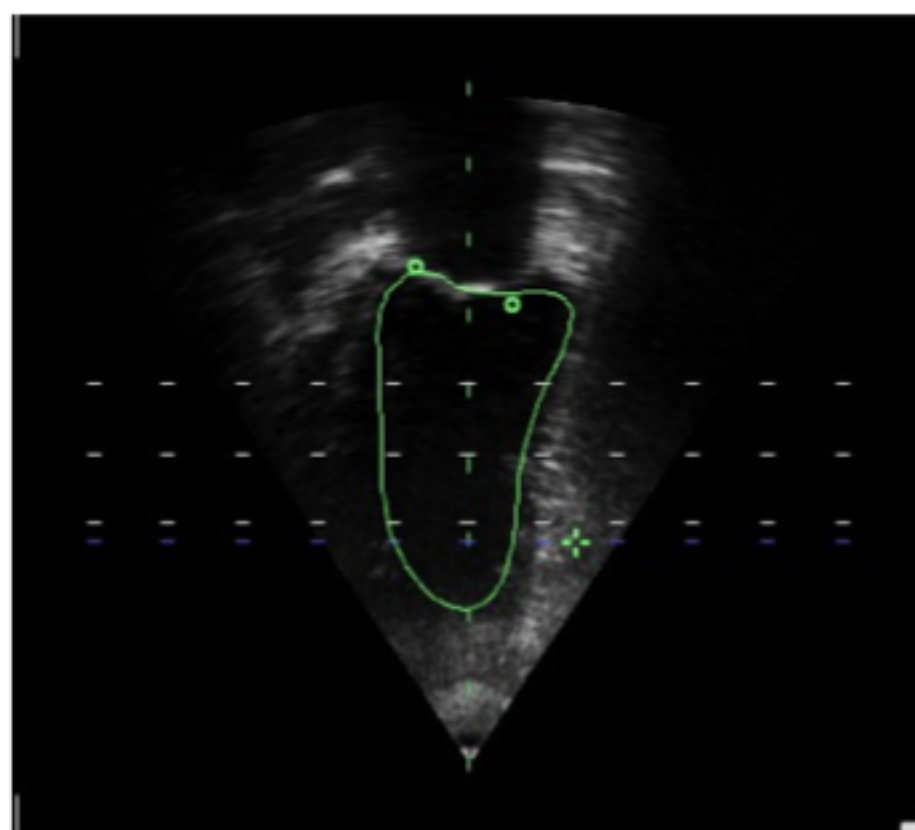
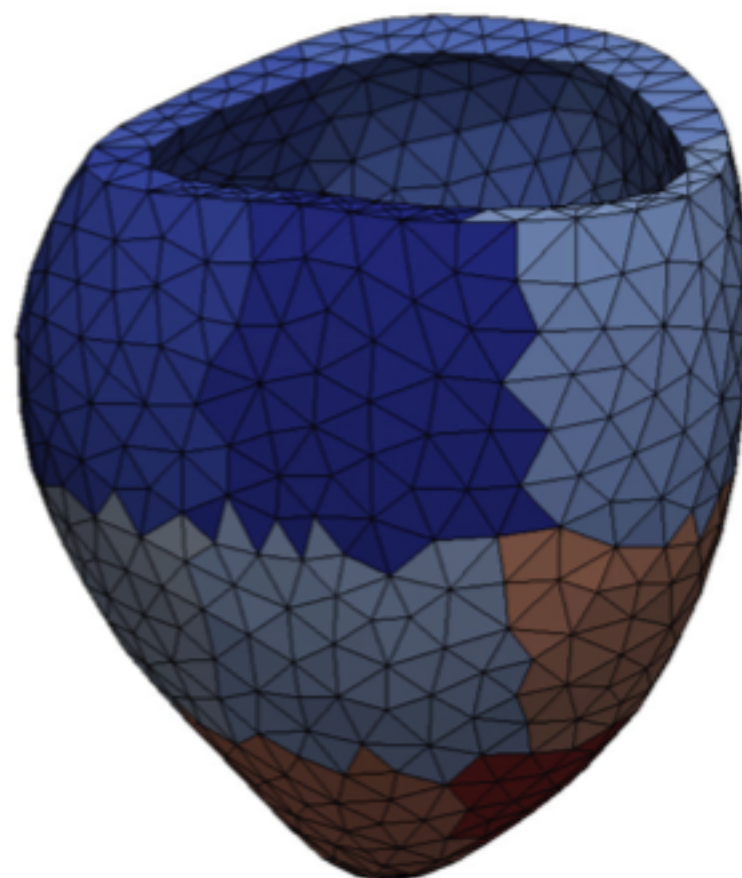


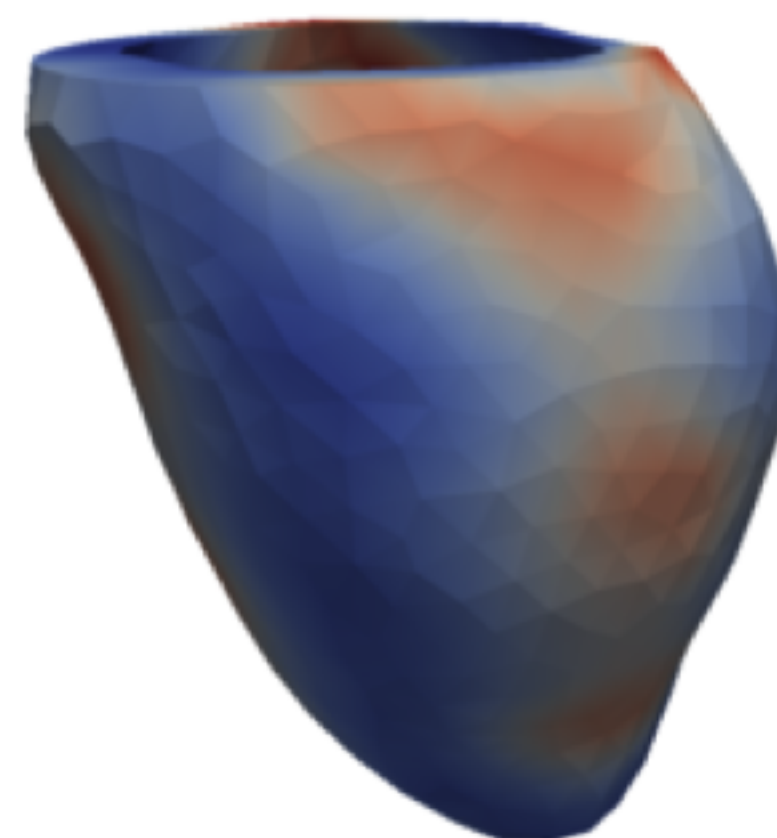
**Ultrasound image of
left ventricle**



**Ventricular mesh
with 17 segments**



**Contraction field after
data assimilation**



Simulated versus measured longitudinal strain

