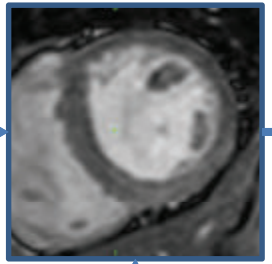
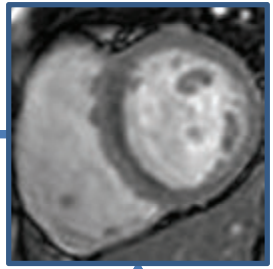


Co-register images to labelled atlas and segment LV

Initial rigid alignment between baseline and F/U images

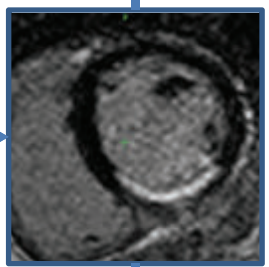


Baseline Cine and LGE Imaging

Rigidly align LGE to Cine images

Identify mutual features within the images

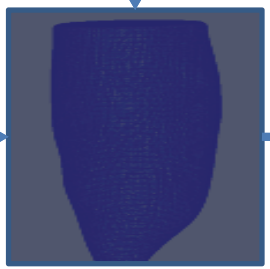
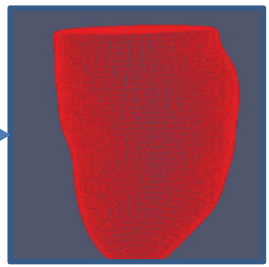
Follow-up Cine Imaging at 1 year



Build 3D mesh

Non-rigid registration between myocardial segmentations

Segment enhancing infarct



3D model of regional LV dilatation and distribution of LGE