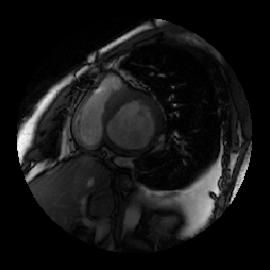
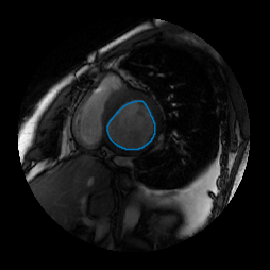
Stacked

Auto Encoder

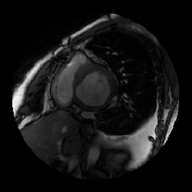
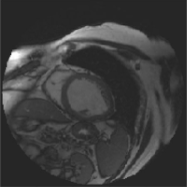
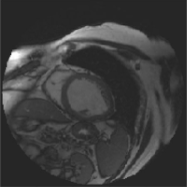
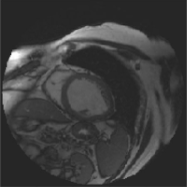
CNN





Deformable Models

Stack of MRI



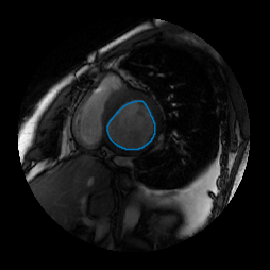
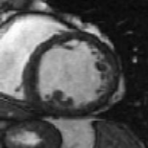
ROI

Detection

Shape Infer

&

Initialization



Segmentation

&

Alignment

LV Segmentation

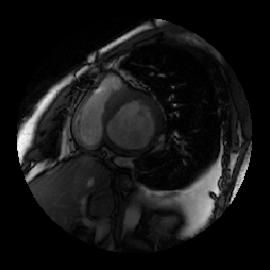
54

54

6

6

100



64

64

Input Image

Convolved Features

Convolutions

9

9

100

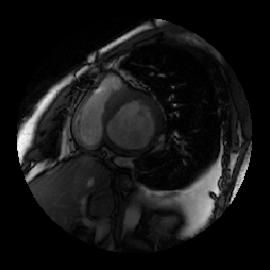
Pooled Features

Subsampling

32

32

100



100

Output

11