GEOMETRIC SEGMENTATION AND 3D RECONSTRUCTION OF HEART FAILURE WITH PRESERVED EJECTION FRACTION

Methods:

1. Data classification into systole and diastole
2. cMRI scans
3. Segmentation
   - Outer surface reconstruction
   - Inner cavities reconstruction
4. Reconstruction refinement
   - Diastolic & systolic reconstructions

Student name: Einav Levi
Supervisors: Dr. Gil Marom, Dr. Jonathan Weissmann