



Figure S1: Four selected slices (apex, apical, mid-cavity and basal) before and after SRR for the remaining volunteers, as a complement to Figure 10. The visualization of the apex, the papillary muscle and the right ventricle improved in the SRR result  $\Gamma_{final}^{T1}$  compared to a single LR stack  $\gamma^{T1}$  (arrows).