**Supplemental Digital Content**

**Acquisition Parameters**

Typical CMR acquisition parameters for cine images were 1.09 ms echo time, 2.53 ms repetition time, 30° flip angle, 8 mm slice thickness with a 2 mm gap, field of view 400 x 300 mm, acquisition matrix 256 x 144, 1500 Hz/pixel, 15 views per segment, rate 3 parallel imaging (GRAPPA), and 40 reconstructed cardiac phases.

Typical acquisition parameters for the SAturation recovery single SHot Acquisition (SASHA) and MOdified Look-Locker Inversion recovery (MOLLI) pulse sequences were 0.96 ms echo time, 2.18 ms repetition time, 35°/70° flip angle (MOLLI/SASHA), 8 mm slice thickness, field of view 360 x 294 mm, acquisition matrix 208 x 128, 1415 Hz/pixel, rate 2 parallel imaging (GRAPPA) with acquisition during diastasis. SASHA acquisitions used 10 saturation recovery images with a fixed recovery time of 630 ms. MOLLI acquisitions used the 5(3)3(3)3 sampling pattern with a minimum inversion time of 120 ms and increments of 80 ms.