

**Figure S1: Definition of para-axial real-time MRI of LES.** In case of insufficient visualization of the LES in sagittal and coronal real-time MRI planes, a para-axial LES plane was established. (A) Axial and coronal HASTE planning images for the para-axial LES plane. (B) Previously acquired real-time MRI planes for optimization of the (C) para-axial plane orientation.