Supplementary Material 2

Detailed Imaging Parameters of MR Elastography

MR elastography (MRE) was performed using a 2-dimensional gradient-echo sequence with the following imaging parameters: repetition time/echo time = 50/20.9 ms, slice thickness = 6 mm, number of slices = 1, flip angle = 24, field-of-view = 380 x 308 mm^2, matrix = 128 x 73, number of excitations = 1, parallel imaging factor = 2, and one motion encoding gradient direction (craniocaudal) with four-phase offsets. Four consecutive MRE slices were obtained during four consecutive breath-holds at the end of expiration. After the acquisition, the wave images were automatically generated by the MR scanner, and the images of tissue stiffness (elastograms, in kPa) were obtained. Additionally, the scanner software also provided confidence maps with a 95% confidence threshold to exclude areas with significant errors caused by artifacts such as significant wave interference of oblique wave propagation.

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