Table S1 MRI protocol and sequence parameters

Name	Sequence type	TR/TE (ms)	Flip angle (°)	FS	FOV (mm^2)	Resolution (ACQ) (mm^3)	Slice gap (mm)	Resolution (REC) (mm^3)	SENSE	Duration (min:second)	Post-contrast delay (min)
AX T2w ABD + PEL BH	2D SSH FSE	1,250/80	90	–	430×300×485	1.3×1.5×5	0.5	0.81×0.81×5	1.75 AP	1:50	–
AX T2w FS ABD + PEL RT	2D mSH FSE	2,350/80	90	SPIR	430×300×485	1.2×1.4×5	0.5	0.81×0.81×5	1.3 AP	4:12	–
COR T2w ABD + PEL BH	2D SSH FSE	1,250/80	90	–	285×430×470	1.4×1.6×5	0.5	0.45×0.45×5	2.5 RL	1:50	–
COR hr T2w ABD + PEL RT[†]	2D SSH FSE	2,000/80	90	–	285×430×455	0.80×0.80×3	0	0.61×0.61×3	3.2 RL	7:30	–
COR PRE hr T1w ABD mDIXON BH[†]	3D FFE mDIXON	4.0/1.4, 2.6	10	Post-processing	400×430×190	1.2×1.16×3	–	0.89×0.89×1.5	2.2 RL, 1.7 AP	0:45	–
AX PRE T1w PEL mDIXON BH	3D FFE mDIXON	3.6/1.32, 2.3	10	Post-processing	430×300×270	1.60×1.7×3.5	–	0.9×0.9×1.75	2.0 AP, 1.5 FH	0:18	–
AX PRE T1w ABD mDIXON BH	3D FFE mDIXON	3.6/1.32, 2.3	10	Post-processing	430×300×270	1.60×1.7×3.5	–	0.9×0.9×1.75	2.0 AP, 1.5 FH	0:18	–
Administration of 0.2 mmol/kg of gadoterate meglumine[‡]											
COR POST hr T1w ABD mDIXON BH[†]	3D FFE mDIXON	4.0/1.4, 2.6	10	Post-processing	400×430×190	1.2×1.16×3	–	0.89×0.89×1.5	2.2 RL, 1.7 AP	0:45	4, 7
AX POST T1w ABD mDIXON BH	3D FFE mDIXON	3.6/1.32, 2.3	10	Post-processing	430×300×270	1.60×1.7×3.5	–	0.9×0.9×1.75	2.0 AP, 1.5 FH	0:18	10
AX POST T1w PEL mDIXON BH	3D FFE mDIXON	3.6/1.32, 2.3	10	Post-processing	430×300×270	1.60×1.7×3.5	–	0.9×0.9×1.75	2.0 AP, 1.5 FH	0:18	11
COR POST hr T1w ABD mDIXON BH[†]	3D FFE mDIXON	4.0/1.4, 2.6	10	Post-processing	400×430×190	1.2×1.16×3	–	0.89×0.89×1.5	2.2 RL, 1.7 AP	0:45	13, 16, 20
COR POST hr T1w PEL mDIXON BH[†]	3D FFE mDIXON	4.0/1.4, 2.6	10	Post-processing	400×430×190	1.2×1.16×3	–	0.89×0.89×1.5	2.2 RL, 1.7 AP	0:45	23

[†], research high-resolution sequence; [‡], double dose of gadoterate meglumine (Dotarem, Guerbet LLC, Princeton, NJ, USA). Total scan time listed: ~20 min. Total exam duration: ~60 min (includes survey sequences, prescan times, and breathhold recovery). MRI, magnetic resonance imaging; TR, repetition time; TE, echo time; FS, fat suppression; FOV, field of view; ACQ, as acquired; REC, as reconstructed; SENSE, sensitivity encoding; AX, axial orientation; T2w, T2-weighted; ABD + PEL, ABD and PEL were acquired in two stages; ABD, abdominal; PEL, pelvic; BH, breath-hold; 2D, two-dimensional; SSH FSE, single-shot fast spin echo; AP, anterior/posterior direction; RT, respiratory triggered; mSH FSE, multi-shot fast spin echo; SPIR, spectral presaturation with inversion recovery; COR, coronal orientation; RL, right/left direction; hr, high-resolution; PRE, pre-contrast administration; T1w, T1-weighted; mDIXON, modified Dixon; 3D, three-dimensional; FFE, fast field echo; FH, foot/head direction; POST, post-contrast administration.