Supplementary

Table S1 Pulse recommendations for routine imaging of the pelvis and hamstrings tendons

Pulse sequence	WI	Plane	No. of sections	TR (ms)	TE (ms)	Echo train length	Section thickness (mm)
FSE	T1	Coronal	28	643	12	3	4.4
FS FSE	PD	Coronal	28	3,080	47	5	4.4
FS FSE	PD	Axial	36	4,500	41	18	4
FS FSE	T2	Sagittal	40	9,200	53	15	2

WI, weighted image; TR, repetition time (ms); TE, echo time (ms); FSE, Fast Spin Echo; FS, fat suppressed.

Table S2 Pulse recommendations for the knee

Pulse sequence	WI	Plane	No. of sections	TR (ms)	TE (ms)	Echo train length	Section thickness (mm)
SE	T1	Sagittal	22	494	13	1	3,5
FS FSE	PD	Coronal	22	2,650	26	7	3
FS FSE	PD	Axial	22	3,090	43	5	3,5
FS FSE	PD	Sagittal	22	2,530	29	9	3,5

WI, weighted image; TR, repetition time (ms); TE, echo time (ms); SE, spin echo; FS, fat suppressed; FSE, Fast Spin Echo.

Table S3 Pulse recommendations for the ankle joint

Pulse sequence	WI	Plane	No. of sections	TR (ms)	TE (ms)	Echo train length	Section thickness (mm)
FSE	PD	Oblique coronal	25	3,090	25	9	3
FS FSE	PD	Oblique coronal	25	3,730	30	10	3
FS FSE	PD	Oblique axial	30	2,290	35	9	3.5
FS FSE	PD	Sagittal	24	4,890	33	10	3
FSE	T1	Oblique axial	30	650	12	3	3.5

WI, weighted image; TR, repetition time (ms); TE, echo time (ms); FSE, Fast Spin Echo; FS, fat suppressed.

Table S4 Pulse recommendations for the forefoot

Pulse sequence	WI	Plane	No. of sections	TR (ms)	TE (ms)	Echo train length	Section thickness (mm)
FS FSE	PD	Long axis	20	3,600	45	9	3
FS FSE	PD	Short axis	22	3,000	39	9	3
FSE	T1	Short axis	29	610	29	3	3
TIRM	T2	Sagittal	22	5,680	68	9	4
Optional (plantar plate; Morton) –/+/gadolinium contrast	FST1	Short axis and sagittal	30	610	11	3	3

WI, weighted image; TR, repetition time (ms); TE, echo time (ms); FS, fat suppressed; FSE, Fast Spin Echo; TIRM turboIR with a Magnitude display.

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Table S5 Pulse recommendations for MR arthrography of the shoulder following intra-articular injection of dilute gadolinium contrast

Pulse sequence	WI	Plane	No. of sections	TR (ms)	TE (ms)	Echo train length	Section thickness (mm)
FS FSE	PD	Oblique coronal	22	2,930	28	6	2.5
FS FSE	T1	Oblique sagittal	26	777	10	3	3
FS FSE	T1	Axial	30	755	8	3	2.1
FS FSE	T1	Oblique coronal	22	666	11	3	2.5
Optional (full thickness tear) FSE	T1	Oblique sagittal through muscle belly	24	488	11	3	3

WI, weighted image; TR, repetition time (ms); TE, echo time (ms); FS, fat suppressed; FSE, Fast Spin Echo.

Table S6 Pulse recommendations for the elbow

Pulse sequence	WI	Plane	No. of sections	TR (ms)	TE (ms)	Echo train length	Section thickness (mm)
FS FSE	PD	Oblique coronal	30	4,740	38	9	2.5
FS FSE	PD	Oblique sagittal	25	3,230	39	5	2.5
FS FSE	PD	Oblique axial	33	4,350	48	7	2.2
FSE	PD	Oblique coronal	20	642	11	2	3
FSE	T1	Oblique coronal	20	642	11	2	3
Optional (biceps) Dixon	T2	FABS	24	3,460	75	18	3

WI, weighted image; TR, repetition time (ms); TE, echo time (ms); FS, fat suppressed; FSE, Fast Spin Echo; FABS, Flexion Abduction Supination.

Table S7 Pulse recommendations for the thumb

Pulse sequence	WI	Plane	No. of sections	TR (ms)	TE (ms)	Echo train length	Section thickness (mm)
TrueFISP	T2*	3D	80	10.54	4.75	1	0.5
FS FSE	pd	Axial	20	3,100	36	9	2.5
FS FSE	pd	Oblique coronal	14	3,500	36	19	2
SE	T1	Oblique coronal	12	400	22	1	2

WI, weighted image; TR, repetition time (ms); TE, echo time (ms); FS, fat suppressed; FSE, Fast Spin Echo; TrueFISP, fast imaging with steady-state free precession; SE, spin echo.

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