

## SYRINGOMYELIA MRI PARAMETERS

### ROUTINE

<b>T2 Sagittal Brain</b>	
Field Of View (mm)	170 x 170
Slice Thickness (mm)	2.7
Slice Gap (%)	20
Repetition Time (ms)	2380
Echo Time (ms)	99
Flip Angle (°)	150
Image Matrix	266 x 320
Bandwidth (Hz/Px)	80
Scan Time (min:sec)	4:35

<b>T1 Sagittal Brain</b>	
Field Of View (mm)	170 x 170
Slice Thickness (mm)	2.7
Slice Gap (%)	20
Repetition Time (ms)	400
Echo Time (ms)	14
Flip Angle (°)	80
Image Matrix	240 x 320
Bandwidth (Hz/Px)	100
Scan Time (min:sec)	4:52

<b>T2 Transverse Brain</b>	
Field Of View (mm)	140 x 98
Slice Thickness (mm)	3.5
Slice Gap (%)	10
Repetition Time (ms)	3470
Echo Time (ms)	95
Flip Angle (°)	150
Image Matrix	186 x 320
Bandwidth (Hz/Px)	65
Scan Time (min:sec)	4:08

<b>T1 Transverse Brain</b>	
Field Of View (mm)	140 x 98
Slice Thickness (mm)	3.5
Slice Gap (%)	10
Repetition Time (ms)	466
Echo Time (ms)	14
Flip Angle (°)	90
Image Matrix	157 x 320
Bandwidth (Hz/Px)	100
Scan Time (min:sec)	3:13

<b>T2 Sagittal Spine</b>	
Field Of View (mm)	260 x 260
Slice Thickness (mm)	1.5
Slice Gap (%)	10
Repetition Time (ms)	3990
Echo Time (ms)	105
Flip Angle (°)	180
Image Matrix	358 x 448
Bandwidth (Hz/Px)	151
Scan Time (min:sec)	5:09

<b>T1 Sagittal Spine</b>	
Field Of View (mm)	260 x 260
Slice Thickness (mm)	1.5
Slice Gap (%)	10
Repetition Time (ms)	450
Echo Time (ms)	12
Flip Angle (°)	150
Image Matrix	326 x 384
Bandwidth (Hz/Px)	191
Scan Time (min/sec)	3:22

<b>T2 Transverse Spine</b>	
Field Of View (mm)	130 x 91.4
Slice Thickness (mm)	3.0
Slice Gap (%)	10
Repetition Time (ms)	5200
Echo Time (ms)	101
Flip Angle (°)	150
Image Matrix	189 x 384
Bandwidth (Hz/Px)	161
Scan Time (min:sec)	5:40

## **EXTRAS**

<b>MPRAGE Dorsal Brain</b>	
Field Of View (mm)	180 x 135
Slice Thickness (mm)	0.7
Slice Gap (%)	50
Repetition Time (ms)	2200
Echo Time (ms)	3.48
Flip Angle (°)	8
Image Matrix	192 x 256
Bandwidth (Hz/Px)	150
Scan Time (min:sec)	5:07

<b>T2 FLAIR Transverse Brain</b>	
Field Of View (mm)	140 x 85.3
Slice Thickness (mm)	3.0
Slice Gap (%)	10
Repetition Time (ms)	8500
Echo Time (ms)	122
Flip Angle (°)	150
Image Matrix	140 x 256
Bandwidth (Hz/Px)	181
Scan Time (min:sec)	4:17

<b>CISS Transverse Spine</b>	
Field Of View (mm)	170 x 106.3
Slice Thickness (mm)	1.0
Slice Gap (%)	20
Repetition Time (ms)	11.5
Echo Time (ms)	5.75
Flip Angle (°)	70
Image Matrix	160 x 256
Bandwidth (Hz/Px)	130
Scan Time (min:sec)	5:48

<b>HASTE Sagittal Spine</b>	
Field Of View (mm)	320 x 320
Slice Thickness (mm)	50.0
Slice Gap (%)	50
Repetition Time (ms)	8000
Echo Time (ms)	1200
Flip Angle (°)	150
Image Matrix	369 x 512
Bandwidth (Hz/Px)	465
Scan Time (min:sec)	0:18