

## NOTE

This protocol was provided by  
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 the MSK Advisory Board

contrast:  
 sequence type:  
 slice orientation:

acquisition time [min:s]:  
 resolution [mm<sup>3</sup>]:  
 matrix [Px2]:  
 bandwidth (Hz/Px):  
 turbo factor:  
 TR [ms]:  
 TE [ms]:  
 Tl [ms]:  
 field of view [mm]:

## 2D SCAN

PD TSE transversal	PD TSE transversal	PD TSE coronal	PD TSE coronal	T1 TSE sagittal	T1 TIRM sagittal	PD TSE sagittal
02:22	03:10	02:56	04:26	01:42	01:59	02:43
0.4x0.4x3.0	0.5x0.4x3.0	0.5x0.4x3.0	0.4x0.3x3.0	0.5x0.4x3.0	0.6x0.6x3.0	0.5x0.5x3.0
384x384	256x218	256x230	320x288	320x272	320x288	256x256
255	100	100	105	252	252	181
9	6	7	6	4	12	9
4000	4600	2600	2400	700	4500	5050
38	27	27	27	10	29	35
					150	
140	110	110	110	140	180	140

## 3D SCAN

NOT YET AVAILABLE

## clinical requests

**general**  
**injury** ligaments  
 coalition  
**degenerative pain** osteoarthritis

total scan time [min:s]  
 2D scan → 19:18  
 14:23  
 14:57  
 14:57

pd_tse_tra	pd_tse_fs_tra	pd_tse_cor	pd_tse_fs_cor	t1_tse_sag	t1_tirm_sag	pd_tse_fs_sag
pd_tse_tra	pd_tse_fs_tra		pd_tse_fs_cor	t1_tse_sag		pd_tse_fs_sag
	pd_tse_fs_tra	pd_tse_cor	pd_tse_fs_cor	t1_tse_sag		pd_tse_fs_sag
	pd_tse_fs_tra	pd_tse_cor	pd_tse_fs_cor	t1_tse_sag		pd_tse_fs_sag

# MAGNETOM Avanto Ankle Protocol

[www.siemens.com/magnetom-world](http://www.siemens.com/magnetom-world)

**SIEMENS**