

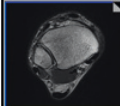
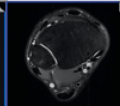
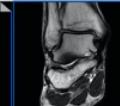
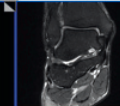
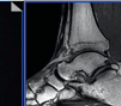
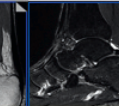
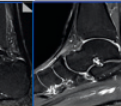
## NOTE

This protocol was provided by  
**Prof. Michael Recht, NYU  
 School of Medicine, Dep. of  
 Radiology, NY, USA,** on behalf of  
 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]:  
 TI [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
						
02:29	02:58	02:30	02:53	01:48	01:59	03:07
0.4x0.3x3.0	0.4x0.3x3.0	0.4x0.3x3.0	0.4x0.3x3.0	0.5x0.4x3.0	0.5x0.4x3.0	0.4x0.4x3.0
512x384	320x256	512x384	512x384	384x288	384x307	320x320
257	100	257	257	372	250	256
9	7	9	9	4	12	9
4220	5510	4230	4750	700	4500	4750
45	29	49	49	11	37	42
				190		
140	110	140	140	140	140	140

## 3D SCAN

	NOT YET AVAILABLE
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## clinical requests

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

total scan time [min:s]  
 2D scan → 17:44  
 13:15  
 13:16  
 13:16

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 Trio, A Tim System Ankle Protocol

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

**SIEMENS**