

## 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]:  
 T1 [ms]:  
 field of view [mm]:

## 2D SCAN

PD TSE transversal	PD TSE coronal	T1 TSE coronal	T1 TSE coronal bilateral	T2 TSE coronal bilateral	PD TSE sagittal	PD TSE sagittal
03:53	04:08	04:20	02:30	03:56	04:34	04:40
0.7x0.7x3.0	0.6x0.6x3.0	0.6x0.6x3.0	1.1x0.8x5.0	1.0x0.7x5.0	0.5x0.5x3.0	0.6x0.6x3.0
256x256	320x320	320x320	448x384	512x448	320x320	256x256
179	150	135	223	181	180	140
8	4	3	3	15	4	4
3500	1700	670	700	4500	1830	2650
50	22	12	21	60	22	24
180	180	180	380	380	160	160

## 3D SCAN

NOT YET AVAILABLE

## clinical requests

	total scan time [min:s]
<b>general</b>	28:01
<b>injury</b> labral tear	12:44
pelvic/hip pain -unspecified-	14:59
<b>AVN</b>	14:59
<b>degenerative pain</b> impingement	12:53
<b>marrow replacement</b>	14:59

total scan time [min:s]  
 2D scan |————→ 28:01

pd_tse_fs_tra	pd_tse_cor	t1_tse_cor	t1_tse_cor_bilateral	t2_tse_fs_cor_bilateral	pd_tse_sag	pd_tse_fs_sag
	pd_tse_cor			t2_tse_fs_cor_bilateral		pd_tse_fs_sag
pd_tse_fs_tra			t1_tse_cor_bilateral	t2_tse_fs_cor_bilateral		pd_tse_fs_sag
pd_tse_fs_tra			t1_tse_cor_bilateral	t2_tse_fs_cor_bilateral		pd_tse_fs_sag
pd_tse_fs_tra		t1_tse_cor				pd_tse_fs_sag
pd_tse_fs_tra			t1_tse_cor_bilateral	t2_tse_fs_cor_bilateral		pd_tse_fs_sag

# MAGNETOM Avanto Hip Protocol

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

**SIEMENS**