

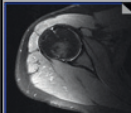

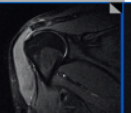

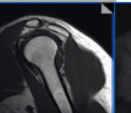
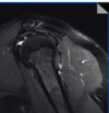
NOTE

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 [mm³):
 matrix [Px2]:
 bandwidth (Hz/Px):
 turbo factor:
 TR [ms]:
 TE [ms]:
 TI [ms]:
 field of view [mm]:

2D SCAN

PD TSE	PD TSE	PD TSE	T2 TSE	T1 SE	T2 TSE
transversal	coronal	coronal	coronal	sagittal	sagittal
					
03:53	03:35	02:16	03:26	03:12	03:39
0.5x0.5x3.0	0.6x0.4x3.0	0.7x0.5x3.0	0.6x0.4x3.0	0.5x0.5x3.0	0.5x0.5x3.0
256x256	320x240	256x192	320x240	256x256	256x256
120	120	217	120	90	120
5	5	11	8	8	8
2200	2200	4200	3300	420	3300
36	23	30	58	15	59
140	140	140	140	140	140

3D SCAN



clinical requests

general
injury labrum
degenerative pain rotator cuff

total scan time [min:s]
 2D scan → 20:01
 17:45
 13:52

pd_tse_fs_tra	pd_tse_cor	pd_tse_fs_cor	t2_tse_fs_cor	t1_se_sag	t2_tse_fs_sag
pd_tse_fs_tra	pd_tse_cor		t2_tse_fs_cor	t1_se_sag	t2_tse_fs_sag
	pd_tse_cor		t2_tse_fs_cor	t1_se_sag	t2_tse_fs_sag

MAGNETOM Avanto Shoulder Protocol

www.siemens.com/magnetom-world

SIEMENS