

SIEMENS EQUIPMENT SCANNING PROTOCOLS

1.5T AVN W/O (AVASCULAR NECROSIS)

	Sequence	Contrast	Fat Sat	Matrix	Slice Thickness	TR	TE	Flip angle	TI	Scan direction	Phase Encoding	Time
1	COR T1 SE	NA	NA	320	3mm	457	14	90	NA	P>A	R>L	4:37
2	COR STIR	NA	NA	320	3mm	3300	56	150	160	P>A	R>L	5:45
3	SAG GRE RT	NA	YES	256	3mm	400	10.5	60	NA	R>L	A>P	3:46
4	SAG GRE LT	NA	YES	256	3mm	400	10.5	60	NA	R>L	A>P	3:46

17:54

1.5T AVN W & W/O (AVASCULAR NECROSIS)

	Sequence	Contrast	Fat Sat	Matrix	Slice Thickness	TR	TE	Flip angle	TI	Scan direction	Phase Encoding	Time
1	COR T1 SE FS	NA	YES	320	3mm	435	14	90	NA	P>A	R>L	4:25
2	COR STIR	NA	NA	320	3mm	3300	56	150	160	P>A	R>L	5:45
3	SAG GRE RT	NA	YES	256	3mm	400	10.5	60	NA	R>L	A>P	3:46
4	SAG GRE LT	NA	YES	256	3mm	400	10.5	60	NA	R>L	A>P	3:46
	CONTRAST											
4	COR T1 SE FS +GD	YES	YES	320	3mm	435	14	90	NA	P>A	R>L	4:25

22:07

3T AVN W/O (AVASCULAR NECROSIS)

	Sequence	Contrast	Fat Sat	Matrix	Slice Thickness	TR	TE	Flip angle	TI	Scan direction	Phase Encoding	Time
1	COR T1 SE	NA	NA	320	3mm	457	14	90	NA	P>A	R>L	4:37
2	COR STIR	NA	NA	320	3mm	4000	51	150	210	P>A	R>L	3:30
3	SAG GRE RT	NA	YES	256	3mm	400	7.38	70	NA	R>L	A>P	3:46
4	SAG GRE LT	NA	YES	256	3mm	400	7.38	70	NA	R>L	A>P	3:46

15:39

3T AVN W & W/O (AVASCULAR NECROSIS)

	Sequence	Contrast	Fat Sat	Matrix	Slice Thickness	TR	TE	Flip angle	TI	Scan direction	Phase Encoding	Time
1	COR T1 SE FS	NA	YES	320	3mm	400	14	90	NA	P>A	R>L	4:05
2	COR STIR	NA	NA	320	3mm	4000	51	150	210	P>A	R>L	3:30
3	SAG GRE RT	NA	YES	256	3mm	400	7.38	70	NA	R>L	A>P	3:46
4	SAG GRE LT	NA	YES	256	3mm	400	7.38	70	NA	R>L	A>P	3:46
5	**CONTRAST**											
6	COR T1 SE FS + GD	YES	YES	320	3mm	400	14	90	NA	P>A	R>L	4:05

19:12