



IAC WWO

Magnet Vendor/Field	Approved By	Published/Rev
Siemens MAGNETOM 3.0T XQ LowRx Numaris/X VA60A-OCN3	Dr Alvarez	8.10.26 / 1

Protocol	Contrast	Estimated Scan Time
IAC WWO	Yes	~25–45 min

TECHNOLOGIST WORKFLOW

#	Step	Seq	Pulse	Dim	Ori	Scan Dir	Phase Enc	FOV (mm)	Slc (mm)	Gap (mm)	TR (ms)	TE (ms)	Fat Sat	Freq	Phase	Notes
1	♥ Setup	HEAD_SCOUT	VIBE	3D	Sag	R>>L	A>>P	260	1.6	0.3	3.15	1.37	None	160	160	
2	■ T1	SAGITTAL T1 GRE	GRE	2D	Sag	R>>L	A>>P	230	4.0	1.2	440	2.46	None	256	256	
3	■ T2	AXIAL T2 FLAIR	FLAIR	2D	Ax	l>>s	R>>L	230	4.0	1.2	8000	94	FS (Weak)	256	256	T1 2370 ms;
4	■ DIFF	AXIAL DIFF	Diff	2D	Ax	l>>s	A>>P	230	4.0	1.2	6510	63 / 99	FS (Strong)	160	160	b-values: 0, 1000; ADC Maps On
4A	■ ADC	ADC MAPPING	ADC													ADC map generated from AXIAL DIFF; ADC Maps On
5	■ T2	AXIAL T2	TSE	2D	Ax	l>>s	R>>L	230	4.0	1.2	7290	110	None	384	384	
6	■ T1	AXIAL T1 THIN	TSE	2D	Ax	l>>s	R>>L	180	3.0	0.5	750	9.40	None	320	224	
7	■ T1	CORONAL T1 THIN	TSE	2D	Cor	A>>P	R>>L	220	3.0	0.5	400	2.58	None	320	240	
8	■ 3D	AXIAL 3D T2	SPACE	3D	Ax	l>>s	R>>L	180	0.5	—	1000	131	None	384	380	0.5 mm isotropic
9	■ POST	AXIAL T1 THIN POST	TSE	2D	Ax	l>>s	R>>L	180	3.0	0.5	750	9.40	None	320	224	Post-contrast
10	■ POST	CORONAL T1 THIN POST	TSE	2D	Cor	A>>P	R>>L	220	3.0	0.5	400	2.58	None	320	240	Post-contrast
11	■ POST	AXIAL T1 POST (FULL BRAIN)	GRE	2D	Ax	l>>s	R>>L	230	4.0	1.2	440	2.46	None	320	240	Post-contrast; Full brain

TECHNOLOGIST POST-PROCESSING

- ☐ Create ADC Map and send to PACS
- ☐ Verify Trace Weighted Images and ADC Maps are present
- ☐ Verify all post-contrast T1 series are completed and transferred to PACS
- ☐ Verify complete IAC coverage and image quality before patient leaves

ACTION ITEMS

- Create ADC Map and send to PACS
- Confirm diffusion b-values 0 and 1000 s/mm² with Trace Weighted Images
- Verify post-contrast axial and coronal T1 thin series and full-brain T1 post series