

# Quantum Imaging and Therapeutic Associates

## Cervical Spine – 1.5 Tesla

Indications	Neck pain, DDD/DJD, trauma
Coil	CTL
Position	Supine
FOV	24 cm (Sag), 20 cm (Ax)
Comments / Special	Axials vary considerably (GRE, COSMIC, MERGE, etc.)

<u>Sequence</u>	<u>TR</u>	<u>TE</u>	<u>TI</u>	<u>Flip</u>	<u>ST/sp</u>	<u>Matrix</u>
Sag T1	500-600	10-20			3/1	320 x 256
Sag T2	>3000	120			3/1	320 x 256
Ax T2	>3000	100-120			3/1	288 x 192
Ax T2 GRE	varies	varies			3/1	288 x 192
Optional:						
Sag STIR	3600	60	150		3/1	320 x 256
Ax T1	500-600	10-20			3/1	288 x 192
Sag T1 gad	500-600	10-20			3/1	320 x 256
Ax T1 gad	500-600	10-20			3/1	288 x 192

\* See [http://www.acr.org/accreditation/mri/mri\\_qc\\_forms/MRIAccredCIQG.aspx](http://www.acr.org/accreditation/mri/mri_qc_forms/MRIAccredCIQG.aspx) for more information.