

Sample Guide for Coronary CTA Post-Processing

Calcium Score

Recon	1 x 1mm axial	2.5 x 2.5 mm axial (or 3 x 3 mm axial)	2 x 2mm sagittal (Optional)	2 x 2mm coronal (Optional)	2 x 2mm axial (Optional)	7 x 2mm axial MIPs (Optional)
FOV	220mm	220mm	Full chest	Full chest	Full chest	Full chest
Phase(s)	75%	75%	75%	75%	75%	75%

Prospectively triggered coronary CTA

Recon	0.9 x 0.45mm axial at 70, 75, 80%	2 x 2mm sagittal (Optional)	2 x 2mm coronal (Optional)	2 x 2mm axial (Optional)	7 x 2mm axial MIPs (Optional)
FOV	220mm	Full chest	Full chest	Full chest	Full chest
Phase(s)	70, 75, 80%	75%	75%	75%	75%

Calcium Score *with* Prospectively triggered coronary CTA

Recon	1 x 1mm axial (calcium score)	2.5 x 2.5 mm axial (or 3 x 3 mm axial)	0.9 x 0.45mm axial at 70, 75, 80% (Coronary CTA)	2 x 2mm sagittal (Optional)	2 x 2mm coronal (Optional)	2 x 2mm axial (Optional)	7 x 2mm axial MIPs (Optional)
FOV	220mm	220mm	220mm	Full chest	Full chest	Full chest	Full chest
Phase(s)	75%	75%	70, 75, 80%	75%	75%	75%	75%

Retrospectively gated coronary CTA

Recon	0.9 x 0.45mm axial at 10% intervals	2 x 2mm sagittal (Optional)	2 x 2mm coronal (Optional)	2 x 2mm axial (Optional)	7 x 2mm axial MIPs (Optional)
FOV	220mm	Full chest	Full chest	Full chest	Full chest
Phase(s)	5, 15, 25, 35, 45, 55, 65, 75, 85, 95%	75%	75%	75%	75%

Calcium Score *with* Retrospectively gated coronary CTA

Recon	1 x 1mm axial (calcium score)	2.5 x 2.5 mm axial (calcium score)	0.9 x 0.45mm axial at 10% intervals	2 x 2mm sagittal (Optional)	2 x 2mm coronal (Optional)	2 x 2mm axial (Optional)	7 x 2mm axial MIPs (Optional)
FOV	220mm	220mm	220mm	Full chest	Full chest	Full chest	Full chest
Phase(s)	75%	75%	5, 15, 25, 35, 45, 55, 65, 75, 85, 95%	75%	75%	75%	75%

Send all images above to the following destinations:

1. PACS
2. 3D workstation server