



ON-LINE FIGURE Schematic drawing of how the maximum thickness values were obtained. First row from left to right, schematic diagram shows maximum hard plaque thickness and maximum soft plaque thickness measurement; CTA image shows maximum soft plaque thickness measurement; CTA image shows maximum hard plaque thickness measurement. Second-row schematic diagram shows ROI in soft plaque, CTA image shows region of interest in soft plaque; CTA image, no ROI was placed on calcified plaque.

Online Table: CT protocols

Scanner Name	Aquilion	BrightSpeed S	Definition Edge	Sensation 64	Somatom Definition Flash
No. of detectors	4	16	128	64	128
Collimation	1.0 mm	0.625 mm	0.6 mm	0.6 mm	0.6 mm
Pitch	1.0	1.0	1.7	1.0	0.9
Rotation time	1.0 seconds	0.8 seconds	0.5 seconds	0.33 seconds	0.33 seconds
kVp/effective mA	120 kVp 200 mA	120 kVp Auto mA 200–335	Care kV 120 kV 120 mAS	Care dose 4D 120 kV, 190 mAS	Tube A: 80 kV 208 mAS Tube B: 140 kV 104 mAS
Thick sections	4.0 mm	2.5 mm	2.0 mm	2.0 mm	2.0 mm
Thin sections	1.0 mm	1.25 mm	0.75 mm	1.0 mm	0.75 mm
Contrast media injection rate	5 mL/s	5 mL/s	5 mL/s	5 mL/s	5 mL/s
Contrast media dose	1 mL/kg body weight	1 mL/kg body weight	50 mL	80 mL	50 mL