**Table S1** Results of subjective image quality analysis in group A

| Item | PCIs | Group A | | | | P value |
| --- | --- | --- | --- | --- | --- | --- |
| | | 40 keV | 50 keV | 60 keV | 70 keV | |
| Image noise | 3 [3, 3] | 4 [4, 4] | 4 [4, 4] | 3 [3, 4] | 3 [3, 3] | <0.001† |
| Vessel sharpness | 3 [3, 3] | 4 [4, 4.75] | 4 [4, 4] | 3 [3, 4] | 3 [3, 3] | <0.001† |
| Contrast | 3 [3, 3] | 4 [4, 5] | 4 [3.25, 4] | 3 [3, 4] | 3 [3, 3] | <0.001† |
| Diagnostic quality | 3 [3, 3.75] | 4 [4, 5] | 4 [4, 4.75] | 3 [3, 4] | 3 [3, 4] | <0.001† |
| Overall image quality | 3 [3, 3.75] | 4 [4, 5] | 4 [4, 4.75] | 3 [3, 4] | 3 [3, 4] | <0.001† |

Data are presented as the median [interquartile range] for ordinal variables. Group A: 8 mL of CM with a 1-mL/s flow rate; group B: 40 mL of CM with 4-mL/s flow rate. †, Kruskal-Wallis test. PCI, polychromatic conventional image; CM, contrast media.