Supplementary table 1. Detail of published literature evaluating anatomical features of aortic root and ascending aorta in Asian patients with type A aortic dissection.

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| --- | --- | --- | --- | --- | --- |
| Research | | Liu et al | Fujimura et al12 | Zhang et al | Huang et al11 |
| Distance, mm | Aortic annulus - STJ | — | — | 17.4±4.1 | — |
| Higher coronary ostiumSTJ | — | 6 (3-11) | 8.8±2.3 | — |
| Higher coronary ostium - primary entry tear | — | 60 (4-250) | — | 36.4±41.0 |
| Higher coronary ostium - ostium of IA | 85.6±11.4 | 84 (57-118) | — | 74.4±9.4 |
| Aortic annulus - primary entry tear | — | — | — | — |
| STJ - primary entry tear | — | 54 (0-244) | 19.1±22.6 | — |
| STJ - ostium of IA | — | 78 (52-113) | 69.4±10.7 | — |
| Diameter, mm | Aortic annulus | — | — | — | — |
| Sinus of Valsalva | — | — | — | — |
| STJ | — | 39 (28-63) | 35.4±2.7 | — |
| Ostium of IA | 30.54±6.99 | 41(27-55) | 33.2±3.8 | 31.1±10.0 |
| Radius of curvature, mm | | 59.7±10.27 | 32(10-55) | — | — |

IA, innominate artery; STJ sinotubular junction