

**The influence of the aortic valve angle on the hemodynamic features of the thoracic
aorta**

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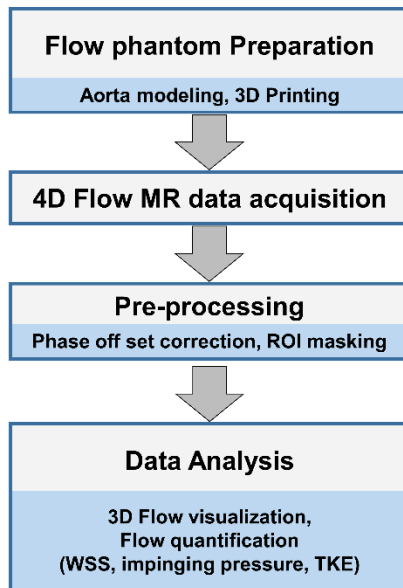
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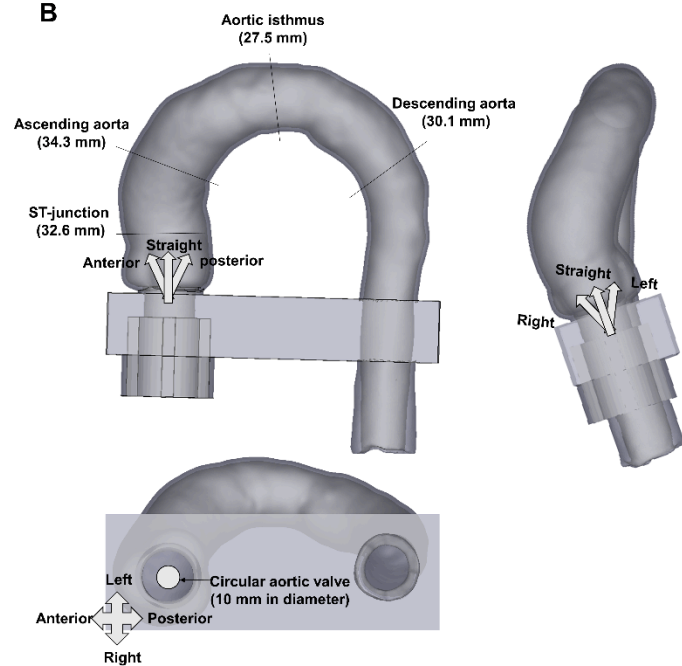


Figure S1. Schematics for the *in vitro* 4D PC-MRI experiments. (A) Experimental procedures and (B) *in vitro* aorta model with various aortic flow angles.

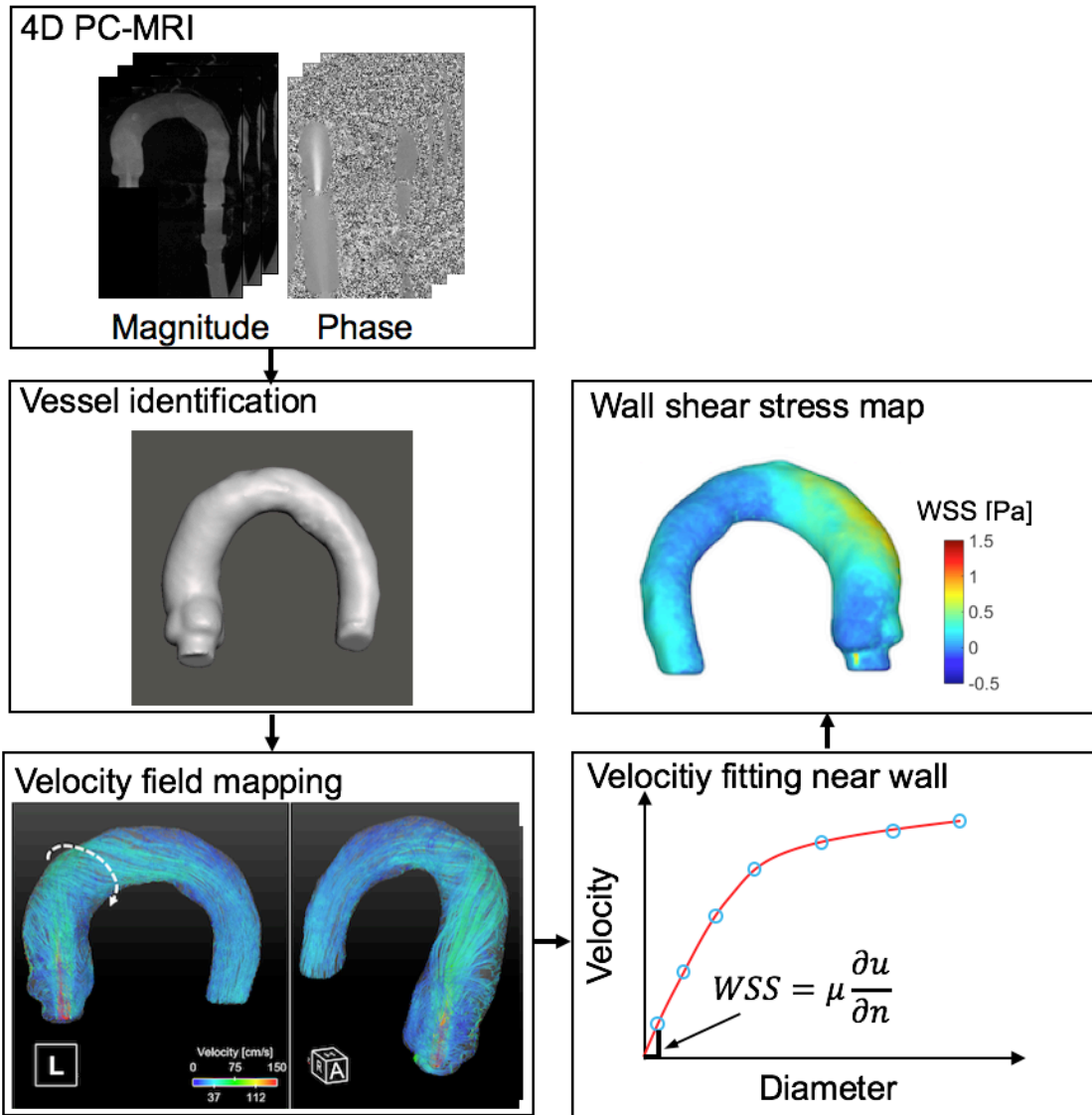


Figure S2. Schematic diagram for wall shear stress quantification.

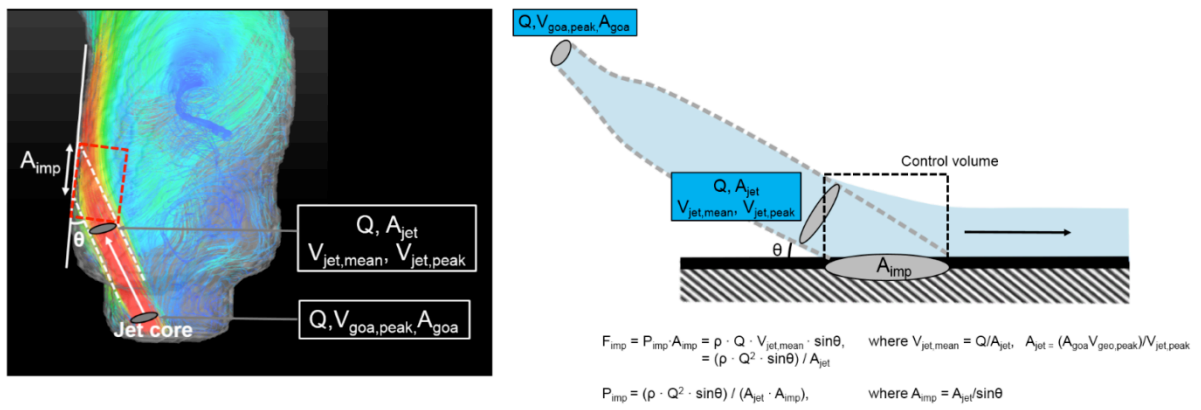


Figure S3. Schematic used to estimate impinging pressure.

