

**Supplementary Table 1.** Hemodynamic characteristics in Newtonian flow model

	Aneurysm A		Aneurysm B		Aneurysm C		Aneurysm D		Aneurysm E	
	PS	ED	PS	ED	PS	ED	PS	ED	PS	ED
Mean WSS at artery (Pa)	5.36	1.08	6.71	1.36	8.56	1.77	14.49	2.90	8.08	1.71
Mean WSS at aneurysm (Pa)	0.23	0.28	0.73	0.47	1.85	0.72	2.39	0.75	6.11	1.66
Mean WSS at ostium (Pa)	3.53	1.00	5.86	1.63	8.72	2.39	10.82	2.54	11.66	2.94
Maximal WSS at aneurysm (Pa)	23.62	6.54	15.18	3.32	25.84	7.32	42.72	10.63	24.59	6.53
Minimal WSS at aneurysm (Pa)	0.0019	0.020	0.001	0.004	0.010	0.002	0.001	0.002	0.217	0.036

PS : peak-systole, ED : end-diastole, WSS : wall shear stress, Pa : unit of wall shear stress

**Supplementary Table 2.** Hemodynamic characteristics in non-Newtonian flow model

	Aneurysm A		Aneurysm B		Aneurysm C		Aneurysm D		Aneurysm E	
	PS	ED	PS	ED	PS	ED	PS	ED	PS	ED
Mean WSS at artery (Pa)	4.81	1.08	6.10	1.34	7.50	1.64	12.27	2.57	7.21	1.63
Mean WSS at aneurysm (Pa)	0.23	0.28	0.22	0.3	0.77	0.53	0.84	0.5	2.73	0.88
Mean WSS at ostium (Pa)	3.20	1	5.35	1.65	7.53	2.27	6.93	1.8	10.56	2.87
Maximal WSS at aneurysm (Pa)	21.23	6.54	13.69	3.36	21.58	6.69	35.47	9.54	21.85	6.15
Minimal WSS at aneurysm (Pa)	0.013	0.02	0.02	0.03	0.026	0.018	0.023	0.015	0.266	0.08

PS : peak-systole, ED : end-diastole, WSS : wall shear stress, Pa : unit of wall shear stress