Supplementary Table 4 Intraobserver variability of segmental WSS analysis of the *peak systolic cardiac phase+2* from the scan exams

	WSSmax (mPa)						WSSmean (mPa)					
	Bland-Altman		COV (%)	Correlation[*]		ICC	Bland-Altman		COV (%)	Correlation[*]		ICC
	Mean difference (mPa)	*Limits of agreement (±2σ) (mPa)*		*r*	*P*		*Mean difference (mPa)*	*Limits of agreement (±2σ) (mPa)*		*r*	*P*	
Proximal AAo	16.4	153.9	5	0.94	<0.001	0.99	51.5	85.8	6	1.00	<0.001	0.97
Distal AAo	-1.1	30.6	1	0.99	<0.001	1.00	1.6	28.9	2	0.99	<0.001	1.00
Aortic arch	25.1	136.6	5	0.96	<0.001	0.97	2.3	51.7	3	0.98	<0.001	0.98
Proximal DAo	-38.9	209.8	5	0.89	0.001	0.97	-15.6	137.8	7	0.92	<0.001	0.92
Distal DAo	-49.2	334.8	8	0.93	<0.001	0.94	-18.1	113.9	5	0.99	<0.001	0.96

[*]Spearman correlation coefficient
AAo ascending aorta, *DAo* descending aorta, *COV* coefficient of variation, *ICC* intraclass correlation coefficient

Title: Scan-rescan reproducibility of segmental aortic wall shear stress as assessed by phase-specific segmentation with 4D flow MRI in healthy volunteers
Journal: Magnetic Resonance Materials in Physics, Biology and Medicine
Authors Roel LF van der Palen, Arno AW Roest, Pieter J van den Boogaard, Albert de Roos, Nico A Blom, Jos JM Westenberg
Corresponding author: Roel LF van der Palen; Division of Pediatric Cardiology, department of Pediatrics, Leiden University Medical Center, Leiden, the Netherlands. Albinusdreef 2, 2333 ZA, Leiden, the Netherlands. E-mail: r.vanderpalen@lumc.nl