Table S1. Primer sequences for genotyping using the SNaPshot primer extension method

rs number	Strand		Primer sequences	T
rs2248690	Forward	Forward Primer	GGGGTATTTGTGTCGTAG	65
		Reverse Primer	GGGTCTGTGAGAGGGAAG	
		Genotyping Primer	GACTCGAACCCAGAGCTGTGTCAA A	
rs2077119	Forward	Forward Primer	GGGGTATTTGTGTCCGTAG	65
		Reverse Primer	GGGTCTGTGAGAGGGAAG	
		Genotyping Primer	TTGGAAAGCTAACTCCCCTAACAT	
rs4831	Forward	Forward Primer	CCTCCATGGGTATACCTT	60
		Reverse Primer	GGCCACACCTTTACTTCA	
		Genotyping Primer	CCTGCTCCTTTGTCTTGCTCAGCT	
rs2593813	Forward	Forward Primer	CACATCTGAGGGAAAAGGT	60
		Reverse Primer	TGTCTTCGAAGCCTGAAA	
		Genotyping Primer	ACACCTGGACATCATAAAATGCGG A	
rs4917	Forward	Forward Primer	GGGGATCCATTTTTGAA	55
		Reverse Primer	GGGAAAGGCATAGCTAAAA	
		Genotyping Primer	GGCAGAGGTTGCAGTGACCTGCA	
rs2518136	Forward	Forward Primer	GGGGATCCATTTTTGAA	55
		Reverse Primer	GGGAAAGGCATAGCTAAAA	
		Genotyping Primer	GTGATGACAGGACATTTGCTCTCC	

Tm, melting temperature ( )

Table S2. Simple correlation between serum fetuin-A level and clinical or laboratory parameters

Parameter		*r*	*P*
Dependent variable : Fetuin-A			
SVCS		− 0.468	< 0.001
hfPWV		− 0.338	< 0.001
Age		− 0.327	< 0.001
Albumin		0.284	0.001
		Mean ± SD	*P*
Diabetes	Yes	0.32 ± 0.08	0.002
	No	0.35 ± 0.07	
ASVD history	Yes	0.30 ± 0.08	0.007
	No	0.35 ± 0.07	

SVCS; Simple vascular calcification score, *r* : Pearson's correlation coefficient, hfPWV; heart-to-femoral pulse wave velocity, SD; standard deviation, ASVD; Atherosclerotic vascular disease

Table S3. Simple correlation between SVCS and clinical or laboratory parameters

Parameter	*r*	*P*
Dependent variable : SVCS		
hfPWV	0.280	0.025
hsCRP	0.274	0.026
Fetuin-A	– 0.468	< 0.001
Albumin	– 0.345	0.005

SVCS; Simple vascular calcification score, *r* : Pearson's correlation coefficient, hfPWV; heart-to-femoral pulse wave velocity, hsCRP; high sensitivity C-reactive protein

Table S4. Simple correlation between abdominal aortic calcification scores and SVCS

		AAC (24)	AAC (8)	AAC (4)
SVCS	Pearson's correlation	0.498	0.491	0.420
	P	< 0.001	< 0.001	< 0.001

SVCS; Simple vascular calcification score measured by plain radiograph of pelvis and both hands.
AAC; Abdominal aortic calcification score measured by lateral lumbar film.
The severity of the anterior and posterior aortic calcification were graded individually on a 0–3 scale for each lumbar segment and the results were summarized to develop four different composite scores: (1) affected segments score (range 0–4); (2) anterior and posterior affected score (range 0–8); and (3) anterior–posterior severity score (range 0–24).