

SUPPLEMENTARY INFORMATION

Supplementary Tables

Supplementary Table 1: Data collection from healthy individuals

No.	Age	Sex	Blood group	VWF:Ag (IU/dL)	VWFpp (U/dL)	VWFpp/VWF:Ag ratio
1	54	M	O+	156	97	0.6
2	20	F	B-	180	75	0.4
3	49	M	A+	162	72	0.4
4	27	M	A+	129	100	0.8
5	33	M	AB+	165	82	0.5
6	24	F	B+	96	82	0.8
7	25	F	A+	127	95	0.8
8	21	F	O+	121	110	0.9
9	19	F	O+	90	75	0.8
10	22	F	B+	169	91	0.5
11	22	F	O+	81	44	0.5
12	33	M	O+	56	51	0.9
13	22	F	A+	179	132	0.7
14	21	F	A+	144	73	0.5
15	20	F	O+	85	76	0.9
16	50	F	B+	148	83	0.6
17	36	M	B+	134	77	0.6
18	33	M	O+	76	60	0.8
19	22	F	O+	89	75	0.8
20	22	M	B+	69	58	0.8
21	42	M	O+	150	96	0.6
22	45	M	O+	95	84	0.9
23	23	M	B+	123	78	0.6
24	22	M	B+	212	102	0.5
25	22	F	O+	110	88	0.8
26	34	M	A+	185	125	0.7
27	19	M	B+	97	101	1.0
28	19	F	O+	96	64	0.7
29	23	F	B+	181	103	0.6
30	42	F	O+	132	90	0.7

Supplementary Table 2: Data collection from patients with cardiovascular disease

No.	Blood collection date	Diagnosis	Age	Sex	Blood group	VWF:Ag (IU/dL)	VWFpp (U/dL)	VWFpp/VWF:Ag ratio
1	19/9/13	Acute myocardial infarction	51	M	O+	263	266	1.0
2	19/9/13	Unstable angina	40	M	AB+	254	138	0.5
3	20/9/13	Cardiogenic shock	51	M	O+	249	295	1.2
4	20/9/13	Congestive heart failure	62	M	O+	314	187	0.6
5	21/9/13	Ischemic heart disease	48	M	B+	240	235	1.0
6	21/9/13	Acute coronary syndrome	69	M	AB+	252	249	1.0
7	22/9/13	Stable angina	64	F	O+	257	112	0.4
8	8/10/13	Pulmonary embolism	26	F	A+	180	100	0.6
9	29/10/13	Venous thrombosis	15	M	O+	283	95	0.3
10	29/10/13	Acute myocardial infarction	58	M	A+	346	307	0.9
11	30/10/13	Acute coronary syndrome	64	F	B+	231	227	1.0
12	30/10/13	Ischemic heart disease	59	M	O+	228	233	1.0
13	30/10/13	Pulmonary embolism	28	F	O+	259	115	0.4
14	31/10/13	Myocardial infarction	65	M	B+	335	282	0.8
15	2/11/13	Myocardial infarction	65	M	B+	235	141	0.6
16	3/11/13	Acute myocardial infarction	65	M	B+	355	250	0.7
17	3/11/13	Acute myocardial infarction	68	F	A+	231	113	0.5
18	4/11/13	Congestive heart failure	48	F	B+	245	307	1.3
19	29/12/13	Acute myocardial infarction	36	M	B+	205	139	0.7
20	1/1/14	Acute coronary syndrome	44	F	B+	180	217	1.2
21	5/2/14	Ischemic heart disease	68	M	B+	207	164	0.8

Supplementary Table 3: Data collection from patients with other diseases

No.	Blood collection date	Diagnosis	Age	Sex	Blood group	VWF:Ag (IU/dL)	VWFpp (U/dL)	VWFpp/VWF:Ag ratio
1	19/9/13	Acute myeloid leukaemia	26	M	A+	156	107	0.7
2	19/9/13	Gastrointestinal bleeding (ulcer)	56	F	B+	229	407	1.8
3	20/9/13	Acute pulmonary oedema/infection	68	F	A+	243	234	1.0
4	20/9/13	Sepsis	38	F	B+	405	317	0.8
5	20/9/13	Chronic pancreatitis	44	M	A+	191	156	0.8
6	22/9/13	Multiple myeloma	67	F	B+	340	369	1.1
7	22/9/13	Chronic myeloid leukaemia	30	F	AB+	441	626	1.4
8	22/9/13	Acute respiratory distress syndrome	28	F	A+	387	429	1.1
9	23/9/13	Cervical cancer	56	F	B+	194	239	1.2
10	29/10/13	Liver cirrhosis	59	M	AB+	231	342	1.5
11	4/11/13	Chronic liver disease	59	M	AB+	394	474	1.2
12	24/12/13	Intestinal obstruction	66	M	A+	223	192	0.9
13	25/12/13	Subdural haemorrhage	45	F	B+	144	175	1.2
14	25/12/13	Intracranial bleeding	67	M	A+	343	440	1.3
15	25/12/13	Pancreatic cancer	47	M	A+	191	111	0.6
16	28/12/13	Hodgkin lymphoma	29	F	O+	239	152	0.6
17	28/12/13	Left foot gangrene	58	F	O+	546	328	0.6
18	30/12/13	Haemophilia	32	M	B+	181	130	0.7
19	1/1/14	Tuberculosis	39	M	O+	192	253	1.3
20	1/1/14	Melioidosis	57	F	O+	293	182	0.6
21	4/2/14	Cholelithiasis	59	M	A+	128	109	0.8