

Supplementary Table 1. Spontaneous bleeding in HA patients with different blood groups.

Blood group	Spontaneous bleeding present (N=262)	Spontaneous bleeding absent (N=330)	<i>P</i>
A (N=104)	56 (53.8%)	48 (46.2%)	0.04 ^{a)}
Non-A (N=488)	206 (42.2%)	282 (57.8%)	
O (N=203)	99 (48.7%)	104 (51.3%)	0.12
Non-O (N=389)	163 (41.9%)	226 (58.1%)	
B (N=179)	69 (38.5%)	110 (61.5%)	0.07
Non-B (N=413)	193 (46.7%)	220 (53.3%)	
AB (N=106)	38 (35.8%)	68 (64.2%)	0.07
Non-AB (N=486)	224 (46%)	262 (54%)	

P-value calculated using Fisher's exact test.

^{a)}*P*-value < 0.05.

Supplementary Table 2. Site of bleeding in HA patients with different blood groups.

Site of bleeding	Blood group A	Blood group B	Blood group O	Blood group AB	<i>P</i>
Hemarthroses (N=526)	95 (18.1%)	158 (30%)	184 (35%)	89 (17%)	0.27
Gum bleed (N=254)	43 (16.9%)	74 (29.1%)	94 (37%)	43 (17%)	0.69
Ecchymoses (N=337)	61 (18.1%)	101 (30%)	121 (35.9%)	54 (16%)	0.51
Hematuria (N=155)	27 (17.4%)	47 (30.3%)	61 (39.4%)	20 (12.9%)	0.21
Epistaxis (N=147)	26 (17.7%)	41 (27.9%)	55 (37.4%)	25 (17%)	0.8
GI bleed (N=134)	27 (20.1%)	38 (28.4%)	48 (35.8%)	21 (15.7%)	0.69
CNS bleed (N=30)	7 (23.3%)	7 (23.3%)	12 (40%)	4 (13.4%)	0.62

P-value calculated using the chi-squared test.

Supplementary Table 3. vWF levels in HA patients with different blood groups.

Blood group	vWF antigen (%)	<i>P</i>
A (N=104)	156.1 (99–189.6)	0.76
Non-A (N=488)	152.7 (90.9–196.1)	
O (N=203)	134.1 (81.7–176.4)	0.03 ^{a)}
Non-O (N=389)	154.9 (91.6–195.6)	
B (N=179)	155.2 (91.3–191.7)	0.64
Non-B (N=413)	153.9 (93.2–188.9)	
AB (N=106)	153.6 (96.1–188.4)	0.52
Non-AB (N=486)	150.4 (92.6–190.8)	

P-value calculated using the Mann-Whitney test.

^{a)}*P*-value < 0.05.

Supplementary Table 4. ABO blood group and inhibitor titers in patients with HA treated with inhibitors (N=35).

Type of blood group	High titer inhibitors (N=28)	Low titer inhibitors (N=7)	<i>P</i>
O (N=9)	5 (55.6%)	4 (44.4%)	0.06
Non-O (N=26)	23 (88.5%)	3 (11.5%)	
B (N=8)	6 (75%)	2 (25%)	0.65
Non-B (N=27)	22 (81.5%)	5 (18.5%)	
A (N=13)	12 (92.3%)	1 (7.7%)	0.22
Non-A (N=22)	16 (72.7%)	6 (27.3%)	
AB (N=5)	5 (100%)	0	0.56
Non-AB (N=30)	23 (76.7%)	7 (12.3%)	

P-value calculated using Fisher's exact test.