

Table 1. Comparison between the hyper-responsive group and the non-hyper-responsive group.

		Hyper-responsive group	Non-hyper-responsive group	<i>P</i> -value
Number of patients		12	212	
Sex	Male	5	90	0.60
	Female	7	122	
Mean age (year)		54.75±13.77	64.37±11.72	0.01
Primary Diseases	Unruptured Aneurysms	10	172	0.60
	Carotid artery Stenosis	2	40	
Smoking habit		2 (1.7%)	33 (1.6%)	0.59
Mean body weight (kg)		57.7	57.8	0.44
Hemodialysis (%)		0 (0%)	3 (1.4%)	0.85
Concomitant	Antiplatelets	9 (75%)	166 (78.3%)	0.51

drugs (%)				
	Anticoagulants	0 (0%)	4 (1.9%)	0.80
	CCBs	1 (8.3%)	94 (44.3%)	0.01
	ARBs	2 (1.7%)	87 (41%)	0.09
	PPIs	7 (58.3%)	132 (62.3%)	0.50
	Oral hypoglycemic agents	0 (0%)	25 (11.8%)	0.23
	Insulin	0 (0%)	4 (1.9%)	0.80
	Statins	4 (33.3%)	73 (34.4%)	0.60

\*CCBs, calcium channel blockers; PPIs, proton pump inhibitors; ARBs, angiotensin II receptor blockers

Table 2. Predictors of clopidogrel hyper-responsiveness in laboratory variables.

	Hyper-responsive group	No hyper-responsive group	<i>P</i> -value
Number of patients	12	212	
HbA1c (%)	5.5±0.37	5.8±0.68	<0.01
Hb (g/dL)	13.9±1.59	13.1±1.40	0.36
eGFR (ml/min/1.73 m <sup>2</sup> )	84.1±21.03	72.2±20.2	0.05
PLT (10 <sup>4</sup> /L)	25.3±5.17	22.9±5.86	0.26
LDL-C (mg/dL)	123.9±37.56	113.3±30.22	<0.01
HDL-C (mg/dL)	59.6±17.63	56.8±15.09	0.09
TG (mg/dL)	104.7±50.68	125.8±74.50	0.42

\* eGFR, estimated glomerular filtration rate; Hb, hemoglobin; HDL-C, high-density lipoprotein cholesterol; LDL-C, low-density lipoprotein cholesterol; PLT, platelet; TG, triglyceride.

Table 3 Predictors of clopidogrel hyper-responsiveness in multivariate analysis.

	Univariate analysis	Multivariate analysis	
	<i>P-value</i>	<i>P-value</i>	OR (95% CI)
age < 60 years	0.07	0.15	
with CCBs	0.01	0.03	0.09(0.01–0.82)
HbA1c < 5.8	0.18	0.74	
eGFR < 74	0.05	0.46	
HDL-C < 58	0.04	0.31	
LDL-C >120	<0.01	0.01	6.16(1.57–26.64)

\* CCBs, calcium channel blockers; eGFR, estimated glomerular filtration rate; Hb, hemoglobin; HDL-C, high-density lipoprotein cholesterol; LDL-C, low-density lipoprotein cholesterol.