

Table 1. Comparison of clinical data between the groups of initial IVIG-resistant and IVIG-responsive in KD

	IVIG-resistant(n=59)	IVIG-responsive(n=326)	P value
Age(months)	28.0[17.0-60.0]	25.00[14.00-43.00]	0.396
Male (%)	29(49.2)	187(57.4)	0.242
Day of illness before IVIG	5.00[4.00-6.00]	5.00[5.00-6.00]	0.170
Sampling day of illness, days	4.00[3.00-5.00]	5.00[4.00-5.00]	0.446
Clinical manifestations			
Rash, n (%)	51(86.4)	262(80.4)	0.271
Bilateral bulbar conjunctive injection, n (%)	52(88.1)	301(92.3)	0.304
Erythema of oral and pharyngeal mucosa, n (%)	54(91.5)	296(90.8)	0.858
Edema & erythema of the extremities, n (%)	31(52.5)	188(57.7)	0.464
Cervical lymphadenopathy, n (%)	31(52.5)	136(41.7)	0.123
Incomplete KD, n (%)	19(32.2)	123(37.7)	0.418
Pericardial effusion (%)	5(8.5)	6(1.8)	0.016*

Valve regurgitation (%)	9(15.3)	31(9.5)	0.183
Cardiac enlargement (%)	12(20.3)	26(8.0)	0.003*
Coronary artery lesions (CALs), n (%)	12(20.3)	22(6.7)	0.001*
Laboratory features			
WBC count($10^9/L$)	13.6[9.8-16.0]	13.30[10.9-16.53]	0.312
NLR	5.2[3.57-10.83]	2.73[1.73-4.93]	<0.001* [#]
Hemoglobin(g/L)	104.00[98.00-114.00]	109.00[101.00-116.00]	0.031*
PLT count($10^9/L$)	295.00[233.00-343.00]	318.00[267.75-395.00]	<0.001*
AST(IU/L)	37.00[24.00-73.00]	33.00[25.00-47.00]	0.056
ALT(IU/L)	54.00[27.0-123.0]	37.50[21.00-83.00]	0.004*
ALB(g/L)	33.6[29.7-38.90]	38.25[35.30-41.20]	<0.001*
Total bilirubin(mg/L)	7.7[4.7-20.3]	5.95[3.70-8.43]	0.002* [#]
Creatinine(umol/L)	27.00[24.00-33.00]	24.00[20.75-29.00]	0.002*
Urea nitrogen(mmol/L)	3.03[2.3-4.0]	2.70[2.11-3.30]	0.016*

Sodium(mmol/L)	134.00[131.9-137.00]	137.00[135.00-139.00]	<0.001*
Potassium(mmol/L)	3.78[3.40-4.2]	4.17[3.78-4.51]	<0.001*
ESR (mm/h)	67.00[46.0-82.00]	66.00[46.25-83.75]	0.820
CRP (mg/L)	96.00[62.00-153.00]	73.70[43.75-107.00]	0.001*
PT (s)	14.3[13.6-15.5]	13.8[13-14.4]	0.005*
APTT (s)	35.3[31.9-44.7]	34.2[30.7-38.1]	0.006*
TT (s)	16.0[15.8-16.4]	16.5[16-16.9]	0.088
D-dimer (mg/l)	2.1[1.20-2.82]	1.2[0.8-2.07]	0.020*
Fibrinogen (mg/dl)	557[484-632]	561[469.75-653]	0.800
FDP (ug/ml)	8.7[6.2-12.5]	5.9[3.8-9.8]	0.350
AT III (%)	81[65-88]	89[81-100]	<0.001*
INR	1.19[1.13-1.30]	1.13[1.06-1.20]	0.058

The data are presented as the median with the 25th and 75th percentiles in square brackets for continuous variables and as the percentage for the categorical variables.

Abbreviations: WBC, white blood cell; NLR, neutrophil-lymphocyte ratio; PLT, platelet; ESR, erythrocyte sedimentation rate; CRP, C-reactive protein; ALB, Albumin ; AST, aspartate aminotransferase; ALT, alanine aminotransferase; PT, prothrombin time; APTT, activated partial thromboplastin time; AT, antithrombin; FDP, fibrin degradation products; TT, total thrombin time; INR, international normalized ratio; IVIG, intravenous immunoglobulin; CALs, Coronary artery lesions; KD, Kawasaki Disease

* Statistically significant ($P < 0.05$)

#Variables between two groups were compared by the Mann–Whitney U test due to abnormal data distribution.