

Table 4. Comparison of clinical data between the groups of repeated IVIG-resistant and IVIG-responsive in KD

	IVIG-resistant(n=23)	IVIG-responsive(n=36)	P value
Age(months)	26.0[17.0-54.0]	36.5[16.5-60.00]	0.474
Male (%)	12(52.2)	17(47.2)	0.711
Day of illness before IVIG	5.00[4.00-6.00]	5.00[5.00-6.00]	0.476
Sampling day of illness, days	5.00[4.00-5.00]	4.00[3.00-5.00]	0.871
Clinical manifestations			
Rash, n (%)	22(95.7)	29(80.6)	0.133
Bilateral bulbar conjunctive injection, n (%)	21(91.3)	81(86.1)	0.694
Erythema of oral and pharyngeal mucosa, n (%)	22(95.7)	32(88.9)	0.639
Edema & erythema of the extremities, n (%)	11(47.8)	20(55.6)	0.562
Cervical lymphadenopathy, n (%)	13(56.5)	18(50.0)	0.625
Incomplete KD, n (%)	19(32.2)	123(37.7)	0.418
Pericardial effusion (%)	3(13.0)	2(5.6)	0.369

Valve regurgitation (%)	4(17.4)	5(13.9)	0.725
Cardiac enlargement (%)	3(13.0)	9(25.0)	0.334
Coronary artery lesions (CALs), n (%)	4(17.4)	8(22.2)	0.749

Laboratory features

WBC count(10^9 /L)	12.6[9.3-16.4]	14.65[10.5-15.8]	0.656
NLR	7.42[2.0-12.86]	4.26[2.71-9.29]	0.139
Hemoglobin(g/L)	104.00[95.00-113.00]	107.00[100.25-114.75]	0.247
PLT count(10^9 /L)	281.00[233.00-307.00]	308.00[231.0-369.75]	0.171
AST(IU/L)	34.00[21.00-59.00]	37.50[25.50-96.00]	0.444
ALT(IU/L)	44.00[27.0-74.0]	80.50[27.25-131.75]	0.370
ALB(g/L)	32.4[28.1-37.0]	34.85[31.33-38.98]	0.073
Total bilirubin(mg/L)	6.2[3.0-27.2]	9.2[5.95-20.03]	0.712
Creatinine(umol/L)	29.00[27.00-38.00]	30.50[24.0-37.75]	0.427
Urea nitrogen(mmol/L)	3.2[2.3-5.1]	2.99[2.33-3.88]	0.203

Sodium(mmol/L)	133.00[131.0-135.00]	135.20[133.00-137.75]	0.296
Potassium(mmol/L)	3.89[3.30-4.3]	3.74[3.5-4.10]	0.720
ESR (mm/h)	65.00[47.0-78.00]	67.50[45.25-89.50]	0.802
CRP (mg/L)	135.00[64.00-160.00]	87.50[62.0-128.75]	0.116
PT (s)	14.1[13.0-15.0]	14.7[14.0-15.5]	0.540
APTT (s)	34.1[32.3-45.6]	36.6[30.78-44.05]	0.609
TT (s)	16.0[15.5-16.3]	16.1[15.83-16.48]	0.102
D-dimer (mg/l)	2.3[1.6-3.35]	2.0[1.06-2.68]	0.136
Fibrinogen (mg/dl)	590[433-632]	557[489.75-646.25]	0.804
FDP (ug/ml)	9.6[7.0-12.5]	7.95[4.95-12.63]	0.320
ATIII (%)	65[60-81]	84[76.23-89.75]	0.001*
INR	1.17[1.13-1.24]	1.22[1.13-1.31]	0.476

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.