

Table 6: Independent risk factors predictive of cardiothoracic index >0.5. When effects of the risk factors are removed in the multiple regression model, the patients with fluid overload are found to be 4.340 times more likely to have cardiothoracic index >0.5 than those without.

Variables	Univariate		Multivariate	
	OR (95% CI)	p	OR (95% CI)	p
Age	1.043 (1.010-1.079)	0.013	1.056 (1.012-1.102)	0.011
Pre-HD SBP	1.052 (1.024-1.080)	<0.001	1.041 (1.012-1.072)	0.006
Pre-HD DBP	1.103 (1.047-1.163)	<0.001		
Pre-HD MAP	1.114 (1.054-1.177)	<0.001	1.081 (1.016-1.149)	0.013
Overhydration amount	1.609 (1.096-2.362)	0.015		
Overhydration presence	3.619 (1.372-9.547)	0.009	4.340 (1.559-12.084)	0.015
FO/ ECW	1.108 (1.032-1.190)	0.005		

Pre-HD: pre-hemodialysis, SBP: systolic blood pressure, DBP: diastolic blood pressure, MAP: Mean arterial pressure, FO: fluid overload, ECW: extracellular water; OR: odds ratio, CI: confidence interval.