

Table SI. Changes of physiological parameters and incidence of adverse reactions.

Groups	T	HR	RR	BP	Blood glucose	Arrhythmias	Cardiac ischemia
D3 alone	3 ↑	6 ↑	4 ↑	5 ↑	2 ↑	4	2
N=40	1 ↓	1 ↓	1 ↓	1 ↓	1 ↓		
D3+Calcium	2 ↑	4 ↑	3 ↑	4 ↑	3 ↑	3	2
N=36		2 ↓		1 ↓			

Data are the number of patients with adverse reactions. All physiological parameters were daily measured and recorded. Arrhythmias and cardiac ischemia were diagnosed via electrocardiogram recordings, manifested as premature beats or ST section depression, and those asymptomatic reactions did not require drug intervention. T, body temperature; HR heart rate; RR respiratory rate, BP blood pressure; ↑↓ increase or decrease, respectively, compared with the corresponding normal values (unless specifically defined otherwise) and alterations over 1 day; ↑↓ in T refers to a change >1°C; ↑↓ in HR refers to a change >10 times/min; ↑↓ in RR refers to a change >6 times/min; ↑↓ in BP refers to a change >15 mmHg; ↑↓ in blood glucose refers to a change >3 mmol/l.

Table SII. Determination of serum biochemistry before and after treatments.

Biochemistry parameters	D3 alone (n=18)		P value	D3+Calcium (n=17)		P-value
	Before	After		Before	After	
AST	22.9±7.5	23.2±7.2	0.874	21.5±8.8	21.3±7.2	0.933
ALT	19.7±10.7	21.2±9.0	0.922	21.0±11.4	21.6±6.8	0.973
CK	91.5±44.3	90.2±36.7	0.464	84.4±42.9	84.8±38.7	0.769
TP	74±6.7	72.3±6.8	0.652	69.3±5.5	68.7±6.1	0.856
BUN	5.0±1.8	5.5±1.6	0.409	4.8±1.7	5.17±1.5	0.460

ALT, alanine aminotransferase; AST, aspartate aminotransferase; CK, creatine kinase; TP, total protein; BUN, urea nitrogen.