

## Can Vitamin D Reduce Heart Muscle Damage After Bypass Surgery?

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### Statistical analysis:

The patients' number (35 patients per group) was determined based on the previous trials investigating the caspase activity in the CABG setting.<sup>15,22,23</sup> Categorical variables were reported as numbers and percentages, whereas mean + standard deviation was expressed for continuous variables. Repeated measures of analysis of variance and multiple comparisons were applied using the Bonferroni correction (type I error correction), to evaluate the change of measured inflammatory markers between the groups by over time. The Kolmogorov-Smirnov test was performed for normality. Continuous variables and categorical variables were compared between groups using Student t test (or Mann-Whitney test for those meeting abnormal distribution) and  $\chi^2$ , respectively. All the statistical analyses were performed using SPSS version 23 (SPSS, Chicago, Illinois). A P value  $<.05$  was considered as significant.