



# NT-proBNP has a high negative predictive value to rule-out short-term cardiovascular events in patients with diabetes mellitus

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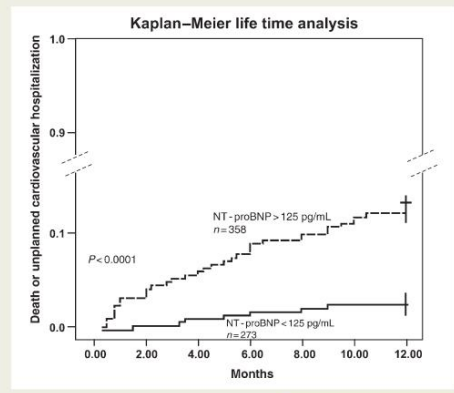
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**Aims** This study evaluated the negative predictive value of NT-proBNP for patients with diabetes mellitus and compared the...

**Table 3** Results from stepwise Cox regression for 500 Bootstrap samples. Frequencies of variables within the regression model after stepwise selection

Initially 17 variables	Per cent	Initially 8 variables	Per cent
Logarithm of NT-proBNP	91.8	Logarithm of NT-proBNP	95.2
Duration of diabetes	59.6	MLHFQ	46.4
MLHFQ	48.0	Age	43.2
NYHA-class	46.0	NYHA-class	42.6
History of smoking	32.4	History of any heart disease	21.8
History of any heart disease	31.8	GFR	17.2
Age	31.6	Ischaemic heart disease	10.2
Gender	18.4	Logarithm of serum-creatinine	7.0
Ischaemic heart disease	17.0	NT-proBNP	6.2
Self-assessment Dyspnoe score	15.6	Serum-creatinine	6.0
GFR	15.2		
Hypertension	12.0		
LDL-cholesterol	11.4		
NT-proBNP	11.2		
HbA <sub>1c</sub>	10.4		
Systolic blood pressure	9.8		
Logarithm of	5.4		



**Figure 1** Kaplan–Meier curves of all-cause mortality or unplanned cardiovascular hospitalization in 631 diabetic patients according to plasma-levels of NT-proBNP at baseline. Solid line: patients with NT-proBNP levels below cut-off (< 125 pg/mL). Dashed line: patients with NT-proBNP levels above cut-off (> 125 pg/mL). Log-rank test for overall difference,  $P < 0.0001$ .

the same time, NT-proBNP provided more concise information about cardiovascular risk in this diabetic population compared with traditional markers.