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**EFFECT OF STATIN THERAPY ON REPERFUSION ARRHYTHMIA IN AMI PATIENTS WHO UNDERWENT SUCCESSFUL PRIMARY ANGIOPLASTY**

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**Objective** To evaluate the effect of pretreatment with statin on reperfusion arrhythmia in patients who underwent successful primary percutaneous coronary intervention (PCI) for acute myocardial infarction (AMI).

**Methods** A total of 136 consecutive AMI patients undergoing PCI were divided into two groups according to whether they received statin treatment before admission or not: statins group (n=40) and non-statins group (n=96). The reperfusion arrhythmia was observed within 2 h after PCI.

**Results** The occurrence rate of reperfusion arrhythmias in statins group was significantly lower than that in non-statins group (22.5% vs 72.9%,  $p<0.01$ ). 2 patients died of ventricular fibrillation in non-statins group and no one died in statins group.

**Conclusion** Pretreatment with statin could reduce the reperfusion arrhythmias after acute myocardial infarction in patients.