



*Case report*

## Case Report of the Patient with Acute Myocardial Infarction: "From Flatline to Stent Implantation"

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### SUMMARY

Asystole is a rare primary manifestation in the development of sudden cardiac death (SCD), and survival during cardiac arrest as the consequence of asystole is extremely low. The aim of our paper is to illustrate successful cardiopulmonary resuscitation (CPR) in patients with acute myocardial infarction (AMI) and rare and severe form of cardiac arrest - asystole. A very short time between cardiac arrest in acute myocardial infarction, which was manifested by asystole, and the adequate CPR measures that have been taken are of great importance for the survival of our patient.

After successful reanimation, the diagnosis of anterior wall AMI with ST segment elevation was established. The right therapeutic strategy is certainly the early primary percutaneous coronary intervention (PPCI). In less than two hours, after recording the "flatline" and successful reanimation, the patient was in the catheterization laboratory, where a successful PPCI of LAD was performed, after emergency coronary angiography. In the further treatment course of the patient, the majority of risk factors were corrected, except for smoking, which may be the reason for newly discovered lung tumor disease. Early recognition and properly applied treatment of CPR can produce higher rates of survival.

**Key words:** sudden cardiac death, asystole, cardiopulmonary resuscitation

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