

A case study of Impella implementation in the University Hospital Centre Rijeka on a 51-year-old male patient with acute coronary infarction

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Acute myocardial infarction is myocardial necrosis caused by interference of the coronary artery. Acute myocardial infarction complicated by cardiogenic shock is quite rare and occurs in only 5-10 % of patients who then experience critically decreased myocardial contractility and low cardiac output. The Impella 2.5 with SmartAssist are temporary ventricular support devices and are used in only high-risk percutaneous coronary interventions^{1,2}. This paper presents a case study in which Impella implementation is used as a treatment in an urgent acute myocardial infarction case.

The Impella 2.5 in conjunction with an Automated Impella Controller reported a great result in the treatment of myocardial infarction complicated by cardiogenic shock in a 51-year-old patient at the University Hospital Centre Rijeka.

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LITERATURE

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