

# 心肌梗死患者经急诊 PCI 治疗的危险因素分析

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**【摘要】:** 目的: AMI PCI  
方法: 155 2017 10 ~2020 10 AMI PCI  
n=45 n=110 AMI PCI  
Logistic AMI PCI  
结果: 155 AMI PCI 45 29.03%  
Logistic AMI  
PCI OR=2.134 1.933 2.006 1.735 1.725 P<0.05 结论: AMI  
PCI AMI PCI

**【关键词】:**

## Analysis of Risk Factors in Patients with Myocardial Infarction Treated by Emergency PCI

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**Abstract:** Objective: To investigate the risk factors and preventive measures of heart failure with preserved ejection fraction in patients with acute myocardial infarction (AMI) after emergency percutaneous coronary intervention (PCI). Methods: A total of 155 patients with AMI who were admitted to the emergency department of our hospital and received PCI from October 2017 to October 2020 were retrospectively selected as the research subjects. According to whether AMI patients developed heart failure with preserved ejection fraction after emergency PCI treatment The selected patients were divided into heart failure group with preserved ejection fraction (n=45) and heart failure group without preserved ejection fraction (n=110). The incidence of heart failure with preserved ejection fraction in AMI patients after emergency PCI was counted, the clinical data and biochemical index levels were compared between the two groups, and multivariate Logistic analysis was used to analyze the occurrence of preserved ejection fraction in AMI patients after emergency PCI. Risk factors for heart failure. Results: 45 of 155 AMI patients developed heart failure with preserved ejection fraction after emergency PCI treatment, the incidence rate was 29.03%. The results of multivariate Logistic analysis showed that older age, female gender, hypertension, long time from onset to revascularization, and multivessel disease were the risk factors for heart failure with preserved ejection fraction in patients with AMI after emergency PCI (OR=2.134; 1.933; 2.006; 1.735; 1.725, P<0.05). Conclusion: The risk factors of heart failure with preserved ejection fraction in patients with AMI after emergency PCI treatment are older age, female gender, combined hypertension, long time from onset to revascularization, multivessel disease, etc. Clinical attention should be paid to And targeted interventions were taken to prevent AMI patients from developing heart failure with preserved ejection fraction after emergency PCI.

**Keywords:** Acute myocardial infarction; Emergency; Percutaneous coronary intervention; Ejection fraction; Retention; Heart failure; Risk factors; Prevention; Countermeasures

AMI  
AMI AMI PCI  
[1-2] AMI  
PCI PCI 155 2017  
[3-4] AMI PCI 10 ~2020 10 AMI PCI

AMI  
PCI

1.2.3AMI PCI

1 资料与方法

1.1 Logistic AMI PCI

155 2017 10 -2020 10

AMI PCI AMI 12h 6

1.3 AMI PCI 2 3

4 Logistic

AMI PCI

1.4 SPSS21.0  $\bar{x} \pm s$

t AMI PCI [n % ]

2 结果

2.1 AMI PCI

155 AMI PCI

45 29.03%

2.2

P<0.05

1.2.2

1d 3000r/min 15min 5mL 2mL 48.89% 62.22% 28.89% 46.67% 62.22%

27.27% 43.64%

14.55% 28.18% 44.55% P<0.05

3mL BriCyteE6 P>0.05 1

	(n=45)	(n=110)	t/ $\chi^2$	P
$(\bar{x} \pm s, )$	61.77± 5.38	54.52± 5.21	7.790	<0.001
[n(%), ]	22(48.89)	30(27.27)	6.694	0.010
[n(%)]	28(62.22)	68(61.82)	0.002	0.962
[n(%)]	5(11.11)	12(10.91)	0.001	0.971
[n(%)]	4(8.89)	9(8.18)	0.021	0.885
[n(%)]	28(62.22)	48(43.64)	4.414	0.036
[n(%)]	13(28.89)	16(14.55)	4.320	0.038
$(\bar{x} \pm s, h)$	10.89± 8.72	6.94± 6.50	3.096	0.002
[n(%)]	21(46.67)	31(28.18)	4.895	0.027
[n(%)]	28(62.22)	49(44.55)	3.992	0.046

AMI                      PCI

P<0.05

AMI                      PCI

P>0.05

1.77± 1.22 mmol/L

4.95± 1.07 mmol/L                      107.41± 43.34

pg/mL                      69.35± 20.73 μ mol/L                      35.33

± 3.20 mg/L                      144.63± 13.56 g/L

0.45± 0.05

1.82± 1.30 mmol/L                      4.89± 1.05 mmol/L

18.55± 9.26 pg/mL                      70.12± 19.96

μ mol/L                      38.67± 2.47 mg/L                      145.78

± 15.73 g/L                      0.44± 0.03

2.4 AMI                      PCI

Logistic

AMI

PCI

OR=2.134 1.933 2.006 1.735 1.725 P<0.05

3 讨论

AMI                      PCI

AMI                      PCI

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