

# 阿替普酶静脉溶栓治疗急性脑梗死的价值

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【摘要】: 目的: 分析急性脑梗死(ACI)患者接受阿替普酶(rt-PA)静脉溶栓治疗的价值。方法: 选取2020年7月至2021年12月收治的174例ACI患者, 随机分为观察组(135例)和对照组(39例)。观察组给予rt-PA静脉溶栓治疗, 对照组给予常规治疗。比较两组患者的生活质量、炎症因子水平及神经功能缺损程度。结果: 观察组的生活质量评分高于对照组( $P < 0.05$ ); 观察组炎症因子水平低于对照组( $P < 0.05$ ); 观察组的NIHSS评分低于对照组( $P < 0.05$ )。结论: rt-PA静脉溶栓治疗能有效改善ACI患者的神经功能, 减轻炎症反应, 提高生活质量。

【关键词】:

## Value of Intravenous Thrombolytic Therapy with Alteplase for Acute Cerebral Infarction

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**Abstract:** Objective: To analyze the value of intravenous alteplase (rt-PA) thrombolysis in patients with acute cerebral infarction (ACI). Methods: A total of 174 ACI patients who were treated from July 2020 to December 2021 were selected and randomly divided into an observation group of 135 cases and a control group of 39 cases in each group. The control group was given conventional treatment, and the observation group was given rt-PA intravenous thrombolytic therapy. The quality of life, levels of inflammatory factors and neurological deficits were compared. Results: The quality of life score of the observation group was higher than that of the control group ( $P < 0.05$ ); the level of inflammatory factors in the observation group was lower than that of the control group ( $P < 0.05$ ); the NIHSS score of the observation group was lower than that of the control group ( $P < 0.05$ ). Conclusion: rt-PA intravenous thrombolysis can effectively improve the neurological function of patients in the treatment of ACI, reduce the inflammatory response and improve the quality of life.

**Keywords:** Acute cerebral infarction; Quality of life; Alteplase; Inflammatory factors; Neurological function; Conventional treatment; Intravenous thrombolysis

ACI 174 ACI 135  
rt-PA  
1 资料和方法  
1.1  
ACI 174 ACI 2020 7 2021 12  
135 69 66  
60.36± 0.14 39 19 20  
61.88± 0.19 P 0.05  
1.2  
ACI  
rt-PA  
H20153035 100mg 1  
ACI H20120035 75mg 1  
H20080483 20mg  
1 30mg  
H20200007 100ml

2 15.24± 3.17 15.12± 3.22  
t=0.553 P 0.05  
rt- PA 4.5h 5.92± 1.12 8.50± 1.31  
rt- PA t=5.789 P 0.05  
S20020034 0.9mg/kg 3 讨论  
90mg 10% 90% 1min ACI  
1h  
CT 24h

15  
1.3

SF- 36  
4 100  
[3] - TNF-  
- 1 IL- 1 C CRP  
NIHSS [5] ACI  
[4] [6]

1.4

SPSS18.0 % X<sup>2</sup>  
x± s t P 0.05 [7] ACI

## 2 结果

2.1

P 0.05 P ACI [8]  
0.05 1 [ x± s ] ACI

分组	例数	社会功能		健康情况		生理功能		精神状态	
		干预前	干预后	干预前	干预后	干预前	干预后	干预前	干预后
观察组	135	58.12 ± 6.48	86.10 ± 4.23	57.08 ± 6.85	87.24 ± 4.26	57.27 ± 6.74	86.31 ± 5.42	57.78 ± 6.53	86.10 ± 4.23
对照组	39	57.99 ± 6.69	79.38 ± 5.26	56.86 ± 7.18	78.05 ± 4.32	57.93 ± 6.49	77.24 ± 4.24	57.22 ± 6.26	79.38 ± 5.26
t值		0.553	4.502	0.336	5.412	0.745	5.221	0.996	4.023
P值		>0.05	<0.05	>0.05	<0.05	>0.05	<0.05	>0.05	<0.05

2.2

IL- 1 97.81± 12.34 pg/ml TNF- [9]  
60.28± 9.49 ng/L CRP 44.93± 5.02 mg/L  
98.10± 12.55 pg/ml 60.13± 9.36 ng/L 45.41  
± 5.55 mg/L t=0.336 0.471 0.552 P 0.05 ACI  
41.59± 4.02 pg/ml 26.66± 2.07 AIC  
ng/L CRP 18.74± 1.94 mg/L 61.53± 5.49  
pg/ml 38.44± 3.80 ng/L 33.55± 3.59 mg/L  
t=4.821 5.221 4.936 P 0.05  
2.3 NIHSS

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ACI rt- PA [6] ... [J]. ... ,2021,42(3):609- 610.

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