椎体成形术对脊柱骨折患者椎前缘高度的影响

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【摘　要】：目的：　　方法：　　2017　2　-2020　3　　120　　n=60　　n=60　　12　　Cobb　　结果：　　P<0.05　　Cobb　　P<0.05　　P<0.05　　结论：　　Cobb

【关键词】：

Effect of Vertebroplasty on the Height of Anterior Vertebral Margin in Patients with Spinal Fracture

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Abstract: Objective: To investigate the effect of percutaneous kyphoplasty on the anterior height of the responsible vertebrae in patients with traumatic spinal fractures. Methods: 120 patients with traumatic spinal fracture from February 2017 to March 2020 were randomly divided into control group (n=60 cases) and observation group (n=60 cases). The control group was treated with percutaneous vertebroplasty, and the observation group was treated with percutaneous kyphoplasty. After 12 weeks of treatment, the effect of the patients was evaluated, and the height of the leading edge of the responsible vertebral body, Cobb angle and the incidence of complications were compared between the two groups before and after treatment. Results: The height of the anterior edge of the responsible vertebra in the observation group was higher than that in the control group after treatment (p<0.05); The Cobb angle of the responsible vertebra in the observation group was lower than that in the control group after treatment (p<0.05). After treatment, the incidence of respiratory tract infection, urinary tract infection, bedsore, gastrointestinal dysfunction, limb contracture and deformity in the observation group was lower than that in the control group (p<0.05). Conclusion: The treatment effect of percutaneous kyphoplasty in patients with traumatic spinal fracture is significant. It can improve the anterior height of the responsible vertebral body and Cobb angle in patients with traumatic spinal fracture, help to improve the quality of life of patients, reduce the occurrence of complications, and obtain a good treatment prognosis. It is worth popularizing.

Keywords: Traumatic spinal fracture; Percutaneous vertebral kyphoplasty; Responsibility vertebra

PKP

[1]　　5%-6%　　[3]

-　　1 资料与方法

70%　　1.1

2017　2　-2020　3

[2]　　PVP　　120

1994　　60　　39　　21　　50-80

63.89 ± 4.31　　16

15　　19　　10

26

27 7 60 37
23 49-83 65.18±5.27
18 21
16 5 27
23 10

1.2

2%

C X
C X

C X

2mm-3mm [4]
C X

2%

[5] C X
C X

C X

2mm-3mm
C X

300psi

[6]

1.3

1 Cobb
Cobb
2

1.4

SPSS18.0 χ^2 n
% t $\bar{x} \pm s$ P<0.05

2 结果

2.1 Cobb
Cobb
P>0.05
P<0.05 Cobb
P<0.05 P<0.05

1 Cobb

$\bar{x} \pm s$

		mm		Cobb °		
	60	22.15±1.24	24.29±1.47	16.64±1.94	10.32±1.87	2 3.33
	60	22.11±1.18	22.48±0.98	16.35±2.06	13.65±1.21	10 16.67
t	/	0.162	8.675	1.422	9.021	8.615
P	/	0.872	0.000	0.167	0.000	0.009

3 讨论

[7] 1994

wong Reily

[8] pkp

Cobb

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