胰岛素泵在糖尿病治疗中的临床应用分析

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【摘 要】：目的： 方法： 2021 1 -2021 8 130 65 结果： P<0.05 P<0.05 结论：

【关键词】：

Clinical Application of Insulin Pump in the Treatment of Diabetes

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Abstract: Objective: To explore the clinical effect of insulin pump in the treatment of diabetes. Methods: A total of 130 patients with diabetes admitted to our hospital from January 2021 to August 2021 were randomly divided into the observation group (insulin pump treatment) and the control group (conventional treatment), with 65 patients in each group. Results: After treatment, the single symptom score and blood glucose level of the observation group were lower, and the blood lipid level was better than that of the control group (P<0.05). The quality of life score of the observation group was higher, and the insulin resistance index was lower (P<0.05). Conclusion: Insulin pump is effective in the treatment of diabetes.

Keywords: Insulin pump; Diabetes; Application effect

[1-2]

[3-4]

1 资料与方法

1.1

2021 1 -2021 8 130 65 35 30 56.15 ± 8.01 34 31 57.28 ± 7.95 P>0.05

1.2

5mg 3 R 0.1U/kg pH 50% 50%

1.3

1 [5] 2 3 4 SF-36 [6] 5 HOMA-IR FINS FBG

1.4

SPSS22.0 “ $\bar{x}$ ± s ” [n %] “ t ” “ x^2 ” 0.05

2 结果

2.1

P<0.05 1

1 $\bar{x}$ ± s

		n=65	n=65	t	P
		1.35 ± 0.22	1.36 ± 0.15	1.288	>0.05
		4.31 ± 0.34	3.22 ± 0.29	19.322	<0.05
		1.21 ± 0.11	1.26 ± 0.17	1.008	>0.05
		4.46 ± 0.42	3.11 ± 0.84	13.007	<0.05

		1.21 ± 0.26	1.20 ± 0.06	2.034	>0.05
		4.36 ± 0.39	3.24 ± 0.54	18.051	<0.05
		1.55 ± 0.18 4.64 ± 0.29	1.56 ± 0.09 3.48 ± 0.54	1.657 19.054	>0.05 <0.05

2.2

P<0.05 2

2 $\bar{x} \pm s$

		n=65	n=65	t	P
2h		11.35 ± 1.24	11.41 ± 1.12	3.521	>0.05
mmol/L		7.15 ± 1.02	9.74 ± 1.19	10.698	<0.05
mmol/L		9.15 ± 1.29 6.01 ± 0.29	9.14 ± 1.30 7.12 ± 0.38	1.874 12.654	>0.05 <0.05

2.3

P<0.05 3

3 $\bar{x} \pm s$ mmol/L

		n=65	n=65	t	P
		4.41 ± 0.60	4.57 ± 0.51	2.017	>0.05
		3.52 ± 0.41	4.07 ± 0.56	10.584	<0.05
		0.80 ± 0.17	0.86 ± 0.11	1.574	>0.05
		1.26 ± 0.11	0.90 ± 0.19	8.274	<0.05
		1.81 ± 0.76	1.99 ± 0.61	2.142	>0.05
		0.91 ± 0.20	1.31 ± 0.48	10.654	<0.05
		7.98 ± 0.51	7.94 ± 0.54	1.024	>0.05
		4.06 ± 0.46	4.51 ± 0.62	12.120	<0.05

2.4

P<0.05 4

4 $\bar{x} \pm s$

		n=65	n=65	t	P
		74.02 ± 6.95	74.16 ± 6.39	2.362	>0.05
		91.68 ± 8.25	81.58 ± 8.20	15.687	<0.05
		69.32 ± 7.25	69.32 ± 6.96	1.002	>0.05
		91.25 ± 7.68	81.33 ± 8.01	14.278	<0.05
		68.69 ± 6.39 88.29 ± 8.29	67.98 ± 7.02 71.22 ± 8.12	2.695 12.874	>0.05 <0.05
		65.33 ± 7.21 89.22 ± 8.36	66.03 ± 7.11 71.22 ± 8.33	3.021 13.558	>0.05 <0.05
		67.59 ± 6.05 91.25 ± 8.15	67.58 ± 6.25 71.69 ± 7.98	3.655 10.789	>0.05 <0.05

2.5 HOMA-IR FINS FBG

P<0.05 5

5 HOMA-IR FINS FBG $\bar{x} \pm s$

		n=65	n=65	t	P
HOMA-IR		6.37 ± 1.12	6.33 ± 1.16	5.628	>0.05
		4.13 ± 0.85	5.61 ± 1.73	10.669	<0.05

FINS μIU/mL		11.87 ± 3.53	11.75 ± 3.40	3.141	>0.05
		6.11 ± 1.35	9.51 ± 2.34	15.624	<0.05
FBG mmol/L		11.25 ± 1.22 7.55 ± 2.36	11.20 ± 1.17 10.16 ± 2.35	1.524 16.521	>0.05 <0.05

3 讨论

[7]

[8-9]

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P<0.05

[15]

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