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脑利钠肽治疗慢性心衰的临床效果分析

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摘　要：目的：復傒劒刜処ㄒ崀蠖嫙勢屘┬ 六勷処蠖慮媝┤ 扇宧■ 峗ㄴ扯岦她噤夔咕叼刜└ 脩ダ刜⇑ 方法：咤娀媲 114 〕劒刜処ㄒ崀蠖嫙勢屘伉咤掂 2021 兡 08 咔~2022 兡 06 咔咱挽卻ᴮᴺ┬ 六噤夔磸┳ 徥啾鹵劒刜処ㄒ崀蠖嫙勢屘夕掂忴噤慮媝┤ 成μℓ她┓ kℓ噤夔兟揯卿否磸忿尥劻┳ ┣ 宧磸ナ┤ 宙夕兑循宧 57 〕她劒刜処峇ㄒ崀蠖嫙勢屘成μℓ兑循兟揯噤夔卿否磸宙夕娀媲宧 57 〕她劒刜処峇ㄒ崀蠖嫙勢屘成μℓ扇宧■ 峗ㄴ扯岦噤夔⇑ 结果：娀媲宧扇宧■ 峗ㄴ扯岦勷処蠖夔叼咍撣磸└ 兑循宧┻ 挽咕儰写⊡墇暨p<0.05暩暻娀媲宧優処偷倘彊ㄛ同⇐処峇嗷厧慔ㄒ扉伉┬ 六噤夔兟揯nm㈠撣呉呜磸扁N-咣嫚峗扯岦暨NT-proBNP暩伉┬ 六噤夔兟揯nm┓ 捻呜帡磸└ 兑循宧┻ 挽咕儰写⊡墇暨p<0.05暩暻娀媲宧壨巡慮媝┤ ╲ 攉她 ㄓ× 壨└ 兑循宧┻ 挽嗺慆磸兢咢⊡墇ㄒ呜帡儰写暨p>0.05暩⇑ 结论：扇宧■ 峗ㄴ扯岦勷処蠖叼哖娊ㄛ磸nA一愿処岌卞 ⍝ 磸へ澤墇▸ ┬ 六全噴即嚶⇑

关键词：劒刜処峇ㄒ崀蠖嫙暻扇宧■ 峗ㄴ扯岦暻処ㄒ崀暻脩ダ刜

Effect Analysis of Brain Natriuretic Peptide on Chronic Heart Failure

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Abstract: Objective: To observe the efficacy and safety of recombinant human brain natriuretic peptide (rhBNP) in the treatment of chronic heart failure. Methods: 114 patients with chronic heart failure in this study received clinical treatment in our hospital from August 2021 to June 2022. They were divided into two groups according to the different treatment and intervention measures for patients with chronic heart failure during their admission diagnosis and treatment. Among them, 57 patients with chronic heart failure in the conventional group were included in the conventional group, and 57 patients with chronic heart failure in the study group were treated with recombinant human brain natriuretic peptide. Results: The effect of recombinant human brain natriuretic peptide on heart failure in the study group was higher than that in the routine group (p<0.05); the left ventricular ejection fraction and cardiac stroke output of the study group increased significantly after the clinical treatment intervention, while the N-terminal brain natriuretic peptide (NT proBNP) decreased significantly after the clinical treatment intervention, which was different from that of the conventional group (p<0.05); there was no significant difference in the side effects between the study group and the conventional group (p>0.05). Conclusion: Recombinant human brain natriuretic peptide has a definite effect on heart failure and can reduce myocardial injury, which is worthy of wide recommendation in modern clinical practice.

Keywords: Chronic heart failure; Recombinant human brain natriuretic peptide; Cardiac function; Security

劒刜処蠖呖┆ 嫊ᵃᵇ夼揟搁妠傚み撣她処ピ嫇夬夼磸抗屔兡■ 攎┤ 呎憵nA徨⇑ 処峇夬夼ᵃᵇ僈崟宮咣咱磸♂ 傝崠勢屘処偷恶巢惄咾惄┤ 磸壤崟坵ᴮᴺ励┳ 劒刜処蠖ᴹᴵ⇑ 仱嗔磸咕屄徥下呀怫嵛勢屘処峇咪崀磸一寰処峇ㄒ崀蠖嫙甍媝磸甍┆ 嗕冒抄勢屘攉一log咱⇑兑循勷処蠖噤夔叼哖儰冱■ 劂⇑扇宧■ 峗ㄴ扯岦僊⅀ 攉埬ㄹㄨ磸壯■ 儩μℓ励磸└ ■ 峗ㄴ扯岦× 壨咪ㄹ妠◆磸崀侇ぇ【峗ㄴ扯岦侧扉ㄛ噭磸ᵃᵇ午勷処蠖× 壨ᴷᴸ⇑ 咤娀媲伙搵刜ㄛ哑┐ //2 〕劒刜処ㄒ崀蠖嫙勢屘磸復傒┐ 扇宧■ 峗ㄴ扯岦噤夔叼哖磸▾ ｜㊣展⇑

1 一般资料与方法

/,/ ┆ 崹悚吗

咤娀媲 //2 〕劒刜処蠖勢屘宙夕⅀ 0.0/ 兡 .3 咔 |0.00 兡 .3 咔磸区埡劒刜処蠖勢屘夕掂噤夔慮媝┤ 勍壨她噤夔卿否忿┳ 兑循宧←娀媲宧磸ナ┤ 35 〕兑循壨巡噤夔兟揯她勢屘宙夕兑循宧磸10 〕壳刜丁 03 〕佶刜磸兡斃 3/ |56 僖磸优斃暨40,25¤ 5,57暩僖⇑ ᴬᴸ 35 〕一壨扇宧■ 峗ㄴ扯岦噤夔她勢屘× ┬ 娀媲宧磸/ 〕壳刜丁 04 〕佶刜磸兡斃 3. |57 僖磸优斃暨40,17¤ 5,63暩僖⇑ ┣ 宧佢客悚吗妠㈡成磸寁忏偕 N へ啌摽家哖优暾. ,. 3⇑ 寀❀墠偵呰⇑ 夕宦唅ン暉粟慮处峇净惃復傒磸予偳優处偷倘彊ㄛ同┐ 惋 2. # 暻 L WF ? 処ㄒ崀∋ 宋←O宋曦婺μ⅛┤ 份処ㄟ蠖嫙噤夔匚㈜⅀暻儲嬓尧娀媲kℓ劂╟ ⇑ 卵掃唅ン暉呋慮吁⊡恺轨屘呖傚┬ 六勍壨巡埬┐ 屜ᴮᴺ暻孤婧夼kA暻岓岩┐ ダ暻勹彊咪ㄹ写兑暻偶伉ナ▥ 岨奚刜夬夼⇑

/,0 吤噱

兑循宦 35 〕密└ 兑循勷処蠖噤夔磸∞匡弭ピ戢⇐

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? ACG? P @磤壨ŋ 𠂉⊡捭投ㄐ捻♫処岌屡嘜暻ㄴ傻ㄐ暻冱処ㄐ磤└ 嗔kℓ呀磤㈤六⿱ノ←揑ノ磤懇シ㎜孽⇑ 娀媲宧35 〕密└ 兑循勷処頀噤夔kℓ呀—壨扇宧■ 峗ㄴ扯岦噤夔磤揑峚即噻扇宧■ 峗ㄴ扯岦 /,3se-i e磤埘nm号┳ 揑峚嚃噻02f磤嚃噻憰鼻┳ . ,. . 53se-暨i e§ k ǵ 暩⇑ 1b nm復傒夔叼⇑

/,1 復傒匚唅

暨/暩┬ 六夔叼⇑ LWF? 乙宎崟傥㈥撣 0 宎磤妠デ失堳偨ダ囆侮磤冂偯┳ 呜叼暻LWF? 乙宎慆噤夔兟揯ㄨ崟傥㈥撣 / 宎磤失堳寰徼←一愿磤冂偯┳ 咕叼暻LWF? 乙宎←処ㄖ峎失堳吳◑ ⊡号亂磤冂偯┳ 吳叼⇑ 刨⊡夔叼; /. . # + 暨吳叼-刨夼〕同暩⇑ 暨0暩噤夔兟揯ㄨ←噤夔兟揯nm侜哷処峇凈惃磤瀪慮処峇凈惃傚剪屘優処偷傾彊乙同←処峇嗷㈜慔丁扉密└ 豁偯暻暨1暩噤夔兟揯ㄨ←噤夔兟揯nm扃彊磤┳ 徥豁偯剪屘彊囹 L +咣嫚峗扯岦彙悻嚶狣暻暨2暩┬ 六壨巡兟揯慮媝┫ 扇埒復傒剪屘噤夔ㄗ关磤⿰冷ㄉ壟剌処她〕同←♫彊㊀〕同←侯夼〕同⇑

/,2 同鹵寁忏侚墠

【壨寁忏偕憇● 暨qnqp0,. 暩啌摽娀媲宧└ 兑循宧毘澤她偯扉悚吗←偯刜悚吗磤ナ┫ ▼ 优へ暨v暩¤ 啥ン儳暨q暩冽窅厖憇她ＪＴCD←QT ←L R+npm@L N僊⅃ 偯扉悚吗磤宦挽r啌摽暻▼ # 暨塺暩冽窅彙憇她┬ 六噤夔兟揯叼哖←┬ 六壨巡ㄔ× 壨僊⅃ 偯刜悚吗磤宦挽 V⁰啌摽⇑ ▼ Nへ厖憇同鹵儳写磤N暋. ,. 3 彙吳啌摽家哖偶伉寁忏偕儳写⇑

2 结果

0,/ 復傒娀媲宧└ 兑循宧┬ 六夔叼

徨彙 /⇑

彙 / 娀媲宧└ 兑循宧┬ 六夔叼傚嗺

僦宧	夼〕同	呜叼	咕叼	吳叼	刨⊡夔叼
娀媲宧	35	/5 暨07,60# 暩	15 暨42,7/# 暩	1暨3,04# 暩	32 暨72,52# 暩
兑循宧	35	/1 暨00,6/# 暩	11 暨35,67# 暩	// 暨/7,1. # 暩	24 暨6. ,5. # 暩
V⁰	+				6,574
n	+				: . ,. 3

0,0 復傒娀媲宧└ 兑循宧噤夔ㄨnm ＪＴCD└ QT

徨彙 0⇑

彙 0 娀媲宧└ 兑循宧噤夔ㄨnm ＪＴCD└ QT 傚嗺

僦宧	夼〕同	ＪＴCD暨# 暩				QT & j'			
		噤夔ㄨ	噤夔nm	r	n	噤夔ㄨ	噤夔nm	r	n
娀媲宧	35	10,00 ¤ 3,67	14,45¤ 1,23	/0,. 44	: . , . 3	33,71 ¤ 2,54	55,3. ¤ 3,4/	4,. 6/	: . , . 3
兑循宧	35	10,42 ¤ 3,02	12,23¤ 2,4/	7,16 5	: . , . 3	34,// ¤ 2,76	42,14 ¤ 5,03	3,2 10	: . , . 3
r	+	. ,/3/	5,/3 4			. ,6//	7,/04		
n	+	<. ,. 3	: . ,. 3			<. ,. 3	: . ,. 3		

0,1 復傒娀媲宧└ 兑循宧噤夔ㄨnm L R+npm@L N

徨彙 1⇑

彙 1 娀媲宧└ 兑循宧噤夔ㄨnm

L R+npm@L N傚嗺&¤ qhe-k j'

僦宧	夼〕同	L R+npm@L N			
		噤夔ㄨ	噤夔nm	r	n
娀媲宧	35	/5507,67 ¤ 002,71	0775,46 ¤ 044,13	/5,667	: . ,. 3
兑循宧	35	/4765,02 ¤ 010,4/	2. . /,03 ¤ 035,71	0. ,2/4	: . ,. 3
r	+	. ,. 46	00,215		
n	+	<. ,. 3	: . ,. 3		

0,2 復傒娀媲宧└ 兑循宧┓ 嵑ㄗ⁻关徨彙 2⇑

彙 2 娀媲宧└ 兑循宧┓ 嵑ㄗ⁻关傚嗺

僦宧	夼〕同	剌処	♫彊㊀	侯夼	刨ㄉ壟塺
娀媲宧	35	1 暨3,04# 暩	.	/暨/,53# 暩	2 暨5,. 0# 暩
兑循宧	35	0 暨1,3/# 暩	/ 暨/,53# 暩	(暨1,3/# 暩	3 暨6,55# 暩
V⁰	+				. ,. 56
n	+				<. ,. 3

3 讨论

劒刜処ㄖ峎頀嫙洭勢■ 同慲兡咾憙圁侈—翳ナ処峇嚃彊ㄖ峎MW一冯情ㄐ磤▾ 崠⅃ 処岌来岹抄咱偊伉尔嘜失堳磤哌呋伶┳ 処ㄖ峎侮▸ ら屙—扇夼剝翳多侧勢屘夼嗚搢摑ㄚ⇑ 婧寀ピ乙噭垃囊× 壨伉処頀ㄉ僈慮媝┫ ㄉ午妻扇侧× 壨磤慮鼻垃囊婧寀ピ乙噭磤寞埘峎侔伉┆ 偯媝鼻┐ 宇嗓処峇ㄖ

峎侮▸ ら聾捻♫ 匆屘処峇恶匍她kℓ呀┼ 咕nA峎♂伉┆ 偯媝 鼻┐ 卞♗ 処岌來岶ㄒ峎罄凅中匆屘揯nm⁽²⁾⇑ 掃嗔┻ 侠罄峗ㄴ扯岦她乙噭廖叹←μℓ劻侈一┼ ♂伉┆ 偯媝鼻┐ 一扇処頀⇑

兑循巡堜噤夔劒刜処頀匆屘庹埘夔叼傺nA罄A▾ 懇シ処岌侧扉屡嘜罄勲ㄹ処偷扇响罄一愿処頀失堳罄♩呖后⊡叼哖慶咕减厊(ㅌ)⁽³⁾⇑ 嗔嗂傚埡復傒罄兑循勷処頀夔叼臹咕6. ,5. # 罄└ 娀媲宦刨⊡夔叼 72,52# 嗺慆罄家哖⊡墇丅╗儳写暨n: . ,. 3暩⇑ 伶┳ 扇宦■ 峗ㄴ扯岦└ ■ ⊡┤ ピ在刜峗ㄴ扯岦她壟墠× 壨孌◆罄夕彉nmnA▾ 家μℓ L NR+? ㄘ⊡罄【攉嶟截墆屮戢撣彙悻罄 │扁厊㈥寀岶墆娩截傻嶟嚳異罄匼勷岧學彉嬝孺冞學ㄘ⊡罄怫嵛彉嬝嶄尅丌峎罄┳ 厶峉厊 丨ゲ惋她彉嘜史匷罄厊撣処峇丌峎⇑

処丌峎懂ㄘ卞偾nm罄♂侧扉乙噭峗ㄴ扯岦罄▾ 嗔咾一愿処峇磔刜× 壨罄┆ 吶峗ㄴ扯岦乙噭┓ 惋罄う♂凅中処峇丌峎罄傝崠処丌峎┓ 吡頀憍⇑ ┆ ┤ 夔媝家咻nm罄捏噻扇宦■ 峗ㄴ扯岦她匆屘優処偷倜彉乙同←処峇嗷㈦扉呉呜㈥揮罄怜呉扇宦■ 峗ㄴ扯岦二咕�ㄗ媹丁她勷処頀× 壨⇑伶┳ 扇宦■ 峗ㄴ扯岦夕彉nm罄峎侘怫嵛彉嬝兟圾岌罄【ナ崭冞罄捻♫彉嬝捭ㄎ罄│扁憖憰一愿処頀失堳罄ㄈ勿処岌來岶シ ㄘ卞♗ ⁽⁶⁾⇑└ 嗔kℓ呀罄娀媲宦 L +咣嫚峗扯岦置L R+npm@L N暩=岌扐廛奶嚶兟呉呜捻♫罄一揖岟偯┓ 扇宦■ 峗ㄴ扯岦勷処頀她咕叼刜⇑ 呱nm罄娀媲宦匆屘┳ 六壨巡噤夔慮媝┤ 冢惀她┓ 嵑ㄗ⁻关└ 兑循宦┻ 挽兢咢⊡墇丅儳写暨n<. ,. 3暩⇑ 偶復怜呉┓ 扇宦■ 峗ㄴ扯岦勷処頀她偮ダ刜⇑

剖扁禲┻ 罄傚⁾ 劒刜処頀匆屘扁禲罄扇宦■ 峗ㄴ扯岦二咕媔哌她勷処頀× 壨罄ㄟ澤× ┳ 劒刜処頀匆屘她噤夔撑憔⇑

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