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临床应用比索洛尔治疗冠心病合并快速性心律失常的疗效研究

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【摘　要】：**目的：**对冠心病合并快速性心律失常患者应用索洛尔治疗的效果进行观察与探讨。**方法：**按照随机数字表法，将本院 2020 年 3 月至 2022 年接收治疗的 78 例冠心病合并快速性心律失常患者分成两小组，即对照组和研究组各 39 例，前者接受常规治疗，后者在常规治疗基础上应用比索洛尔治疗。**结果：**研究组治疗总有效率（94.87%）与对照组（76.92%）相对比，组间差异明显（$\chi2=5.186$，$P<0.05$）；两组治疗前的心率、舒张压、收缩压比较，无统计学意义（$P>0.05$），治疗后均明显下降，研究组的心率、舒张压、收缩压明显低于治疗前和对照组治疗后，差异均有统计学意义（$P<0.05$）；两组治疗前的心功能指标无统计学意义（$P>0.05$），研究组干预后的 LVEDD、LVESD 明显低于本组之前和对照组治疗后，且 LVEF 显著高于本组治疗前和对照组治疗后，组间差异均有统计学意义（$P<0.05$）。**结论：**对冠心病合并快速心律失常患者予以比索洛尔治疗，可获得较好的治疗效果，能明显改善患者的心功能，降低心率和血压，值得进一步的推广。

【关键词】：冠心病合并快速性心律失常；比索洛尔；心功能；效果

Clinical Application of Bisoprolol in the Treatment of Coronary Heart Disease with Tachyarrhythmia

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Abstract: Objective: To observe and discuss the effect of soloprol on patients with coronary heart disease and tachyarrhythmia. Methods: according to the random number table method, 78 patients with coronary heart disease complicated with tachyarrhythmia who received treatment in our hospital from March 2020 to 2022 were divided into two groups, namely, the control group and the study group, 39 cases each. The former received routine treatment, and the latter received bisoprolol on the basis of routine treatment. Results: the total effective rate of treatment in the study group (94.87%) was significantly different from that in the control group (76.92%)暨 χ 2=5.186磬P瞥0.05瞭瞟 The heart rate, diastolic blood pressure and systolic blood pressure of the two groups before treatment were not statistically significant (P > 0.05), but decreased significantly after treatment. The heart rate, diastolic blood pressure and systolic blood pressure of the study group were significantly lower than those before treatment and those of the control group after treatment, and the difference was statistically significant (P < 0.05); The cardiac function indexes of the two groups before treatment were not statistically significant (P > 0.05). The LVEDd and LVESD of the study group after intervention were significantly lower than those before the treatment of the group and after the treatment of the control group, and the LVEF was significantly higher than those before the treatment of the group and after the treatment of the control group. The difference between the groups was statistically significant (P < 0.05). Conclusion: bisoprolol is effective in the treatment of patients with coronary heart disease and tachyarrhythmia. It can significantly improve the cardiac function of patients, reduce heart rate and blood pressure, and is worthy of further promotion.

Keywords: Coronary heart disease with tachyarrhythmia; Bisolol; Cardiac function; Effect

厶处夼呖┆ 嫊┤ 扇㈱偾■ 孌慡⊡ゃ丹她处獷嬝夬夼瞽慲 ╥ 兡勼夼塺MW侈一情叫瞽┘ 惄咾惄兡愿卄⇑ 怎夬夼她勼勼壩呖壯╝ 芻屘厶堳凵峚孛唗娥卄【獷嬝峮塈媻軔亼匿瞽傝崠处岌尔獷尔嘜屌冢惀她处岧夬夼⇑ 击慲刜处凔侮兑呖匚嗷乙扮她处塺伉 100 嗂▾ ┐ 瞽└ 厶处夼μℓ兢勼夼呀瞽┓ ▌ ♂一幡芻屘夼剝剌卄瞽麌♂怙勼蕳嗚瞽┤ 扇俾岪芻屘她壩一偑ダ[1]⇑ ┬ 六┐ 傚厶处夼μℓ兢击慲刜处凔侮兑她噤夔瞽憟兑憼彐傚失噤夔瞽 ♩ 呖叼哖兢┓ 吳呜⇑ 嗺擘噫骨× ┬ ┆ 嫊β⁾⊡捭圾灬瞽

影全噴关壨⅃ 処彉嬝夬夼她噤夔磤⅃ ㇷㇷ澤慆┳ 墠剝她噤夔叼哖⇑ ⅁⅃ 嗔磤咤吐傚 2020 兡 3 咔崟 2022 兡勃掂卻叵噤夔 39 〕厶処夼μℓ兢击慲刜処凔侮兑关壨嗺擘嚏骨噤夔她叼哖磤└ 兑循傚失噤夔 39 〕匊屘她叼哖僈冗妠デ卹媲磤墇傚怏剝匀憺俏┓ ⇑

1 资料与方法

1.1 ┆ 崹悚吗

咤吐┆ テ咕 78 〕復傒傚恥磤优┳ 2020磤兡 3 咔崟 2022 兡卻叵噤夔她 78 〕厶処夼μℓ兢击慲刜処凔侮兑匊屘磤啾鹵掫咪同偉彙噱磤傚勍咕復傒傚恥乙励┣ 俶宦磤傚埡宦 39 〕磤壳佶〕同乙ㄨ┳ 21 〕↰8 〕磤兡斃 33~70 僖磤兆优暨51.31±3.41暩僖磤夼媝呱捞┳ 7 兡磤呱姁┳ ㈦兡磤兆优暨4.15±1.27暩兡暻娀媲宦 39 〕磤壳佶〕同乙ㄨ┳ 23 〕⇐16 〕磤兡斃 35~70 僖磤兆优暨52.09±3.26暩僖磤夼媝呱捞┳ 7 兡磤呱姁┳ 4┤ 咔磤兆优暨4.03±1.35暩兡⇑ ▾┐ ┣ 宦她佢咤ざ刻妠傚嗺磤家哖呜婗 P暾0.05磤nA× 傚嗺⇑ 咤吐娀媲吤唤儲寀憟慮┤ 嘎❀ 墠偕傎呼磤兢ダ媝伉ナ妒姅┓ 偨劻⇑

1.2 宙夕丁卵掃啥ン

宙夕啥ン暺暨1暩勍咕復傒傚恥寀┬ 六啌哷澤ㄖ娊忴磤优嫳μℓ厶処夼μℓ兢击慲刜処凔侮兑她妠デ忴吡啥ン暻暨2暩优峎嗓兑噓憟暻暨3暩寀慮娀媲■ Gy徼廖nm匊屘㊦傻僊傚咤娀媲姬剝兢┳ ㄣ㊣└ 磤kℓ呀嬓尧┐ 咕デ㈠帆⇑

卵掃啥ン暺暨1暩偶伉┤ 扇処岓岩夬夼屘暻暨2暩孤婧写兑屘暻暨3暩勹彉ㄖ峎掙娭屘暻暨4暩傚娀媲巡埬慮吖屘暻暨5暩┬ 六悚吗┓ ダ屘暻暨6暩咢侂匷偨劻娀媲屘⇑

1.3 吤噱

傚埡宦暺卻ㄗ兑循噤夔磤(有)匊屘夕掂nm【壨勷彉俶咄出揚孌巡埬⇐姶截戢孌巡埬⇐彉嬝勠冞ㄠ嫽傚失噤夔⇑ └ 嗔佢娘┐ 磤娀媲宦关壨嗺擘嚏骨噤夔磤忘巡埬壯 Merck KGaA暨九份敝ザチμF暩壧、磤份巡ン偉 J20170042磤循嘎┳ 5mg*10s磤ㄅ呥磤嗷侨 1 嗂磤嗷嗂呥壨 1.25~5mg

⇑ ゴ│俶ㄠ扉冗俬壨巡磤┻ nm啾鹵匊屘妠夼剝愨彐巡埬ㄠ扉怫后磤嗷侨呱侧ㄠ扉┓ 峎惃慮 5mg磤匷寍噤夔 1┤ 咔⇑

1.4 復傒匚啥

暨1暩┬ 六夔叼傚嗺⇑ 扃壨呜叼⇐咕叼⇐吳叼┏ 宎ㄨ冖吡┬ 六噤夔叼哖磤ナ┤ 呜叼┳ 噤夔nm匊屘┬ 六失堳偨ダ囆侮磤⅃ 処壳佢妒諂家哖┳ 処凔侮兑一傀伉 70%▾┐ 暻咕叼┳ 匊屘┬ 六失堳吳呜号亂磤⅃ 処壳佢妒諂家哖┳ 処凔侮兑一傀伉 50%~70%暻吳叼┳ 匊屘┬ 六失堳吳ㄘ卄磤襄崟咕一扇她情ㄠ磤⅃ 処壳佢妒諂家哖┳ 処凔侮兑一傀伉 50%▾ ピ⇑ 噤夔咕叼塺=呜叼塺+咕叼塺⇑

暨2暩処ㄖ峎匚啥嗺慆⇑ ⅃ 噤夔ㄟnm关壨净嵓偁呎ㄠ惃侕忴吡◂ 啌諂匊屘処ㄖ峎匚啥磤radㄋ優処偷崭冞咣咱ピ凎暨LVEDD暩⇐優処偷叵尅咣咱ピ凎暨LVESD暩⇐優処偷倚彉乙同暨LVEF暩磤兢優冗宦挽傚嗺⇑

暨3暩処塺丁彉㊀傚嗺⇑ ⅃ 噤夔ㄟnmㄴ壨処壳佢妒諂匊屘処塺磤兢彉㊀妒諂仗諂扉匊屘彉㊀磤radㄋ叵尅㊀丁崭冞㊀⇑

1.5 寁忏偕侚墠

傚娀媲毘澤同鹵冷夕 Excel 彙嘎磤快寀呰傚nmㄴ壨 SPSS26.0 堃咤寁忏偕愚● 侚墠└ 乙哑磤ナ┤ 忏同同鹵磤俏剃ㄨ⇐噤夔刽咕叼塺嫽▾ 奸乙塺暨%暩┳ ▸ 彙磤屚忏扉同鹵磤俏兡斃⇐夼媝⇐処ㄖ峎匚啥⇐処塺㊦彉㊀嫽▾ 暨 $\bar{x}$±s暩┳ ▸ 彙磤kℓ呀ㄧ鹵啌摽妛她乙ㄨ▾ t啌摽噱丁χ^2啌摽噱⇑ 嶙 P瞥 0.05磤彙婗儳写偊伉寁忏偕劂┻ ⇑

2 结果

2.1 ┬ 六夔叼傚嗺乙哑

┣ 宦噤夔刽咕叼塺俏┓ 彙 1 勍徨磤娀媲宦暨94.87%暩吳呜撣⅃ 傚埡宦暨76.92%暻寀挽妠傚嗺磤鸞写吳呣暨χ^2=5.186磤 P瞥0.05暩⇑

彙 1 ┣ 宦┬ 六噤夔叼哖傚嗺[n暨%暩]

宦ㄨ	呜叼	咕叼	吳叼	刽咕叼塺
娀媲宦暨n=39暩	2暨58.97暩	1暨35.90暩	2暨5.13暩	3暨94.87暩
傚埡宦暨n=39暩	1暨33.33暩	1暨43.59暩	9暨23.08暩	3暨76.92暩
χ^2	-	-	-	5.186
P	-	-	-	0.023

2.2 処塺丁彉㊀傚嗺乙哑

噤夔ㄟ磤┣ 宦她処塺⇐彉㊀吳寁忏偕劂┻ 暨P暾0.05暩磤俏┓ 彙 2 勍婗磤♩呖噤夔nm磤娀媲宦她処塺⇐叵尅㊀⇐崭冞㊀优♫⅃ 咤宦噤夔ㄟ丁傚埡宦噤夔nm磤宦挽傚写咕寁忏偕劂┻ 暨P瞥0.05暩⇑

彙 2 ┣ 宦噤夔ㄟnm処塺⇐彉㊀剝ル傚嗺暨 $\bar{x}$±s暩

宦ㄨ	処塺暨嘎/min暩		叵尅㊀暨mmHg暩		崭冞㊀暨mmHg暩	
	噤夔ㄟ	噤夔nm	噤夔ㄟ	噤夔nm	噤夔ㄟ	噤夔nm
娀媲宦暨n=39暩	103.31±5.17	64.72±3.28	135.63±11.42	101.82±9.14	89.16±6.33	65.47±3.41
傚埡宦暨n=39暩	103.19±5.22	79.47±3.50	135.55±11.16	122.95±8.34	88.93±6.17	80.25±4.02
t	0.102	19.174	0.031	10.665	0.163	17.510
P	0.919	0.000	0.975	0.000	0.871	0.000

$t/P_{娀媲宦噤夔ㄨnm}$	39.361/0.000	14.435/0.000	20.576/0.000
$t/P_{傚垃宦噤夔ㄨnm}$	23.549/0.000	5.678/0.000	7.361/0.000

(噻暉┐ 卻彙 2暩

2.3 处ㄒ峎匚啥傚嗺乙哑

俏彙 3 勍徨罊┣ 宦芻屘噤夔ㄨ她处ㄒ峎匚啥傚嗺罊┓ 偊伉呉呜儳写暨P暾0.05暩罊噤夔nm优澤ㄈ号亂罊娀媲宦噤夔nm她 LVEDD⇐LVESD 呉呜♫╝ 咤宦┻ ㄨㄨ丁傚埡宦噤夔nm罊┘ LVEF 呜帡撣╝ 咤宦噤夔ㄨ丁傚埡宦噤夔nm罊宦挽儳写呉呜暨P暩0.05暩⇑

彙 3 ┣ 宦噤夔ㄨnm处ㄒ峎匚啥傚嗺暨 $\bar{x}\pm s$暩

宦ㄟ	LVEDD暨mm暩		LVESD暨mm暩		LVEF暨%暩	
	噤夔ㄨ	噤夔nm	噤夔ㄨ	噤夔nm	噤夔ㄨ	噤夔nm
娀媲宦暨n=39暩	68.37±5.31	51.27±3.41	50.13±4.62	35.91±3.82	36.17±4.53	48.51±5.26
傚埡宦暨n=39暩	68.15±5.22	60.75±2.82	49.75±4.29	42.53±3.26	36.03±4.46	43.49±9.14
t	0.185	13.379	0.376	8.232	0.138	2.973
P	0.854	0.000	0.708	0.000	0.891	0.004
t/P 娀媲宦噤夔ㄨnm	16.922/0.000		14.814/0.000		11.101/0.000	
t/P 傚埡宦噤夔ㄨnm	7.789/0.000		8.368/0.000		4.581/0.000	

3 讨论

慲兡咾罊掫妻厶处夼〕同她侈一罊芻咕厶处夼$\mu\ell$兢击憣刜处凔侮兑她■ 同┼ 掫┻ 侈偁罊▾ 处憣慮击⇐処凔┓ 敿┳ ┳ 徥┳ 六彙墇罊kℓ呀慶◇咕峋捀⇐嘐事⇐侯呥⇐处剝嫽失堳罊俏哖┓ ㊦呀扃ᶜᵍᵣ噤夔卿否罊┓▌ ♂一击夼剝她愻僈罊慶♂捻♫芻屘她攉囊恍扉罊┤ 扇剝儿┓ ♂㈱㊦芻屘她攉一脩ダ⇑ ┳ 六┐ 罊傚╝ 怎夬夼她噤夔罊憟兑呖啾鹵芻屘她失堳彙墇愻彐兑循噤夔罊▾ 嗔咾瓟ㄱ夼剝她ᵍᵒ僈罊♩呖击憣刜处凔侮兑她孌伻偁嫊偁唗罊ナ┳ 六彙墇┼┓ kℓ罊兑循噤夔凑採悻ㄈ揯咱叼哖⇑ ┳ ╗ 愻┆ 嗕厒㈢夬夼噤夔叼哖罊傜嘪┆ 嫊咍一脩ダ⇐ 咕叼她噤夔吤巨呖冶ㄨ┳ 六娀媲她扇埁⇑ 咕偕屘娀媲ᵍᵒ墇罊

嗺孽嚏骨伉厶处夼$\mu\ell$兢击憣刜处凔侮兑她噤夔┤ ᵍᵒ午妻扇徥她× 壨[2]⇑ 嗺孽嚏骨呖┆ 嫊β捭投ㄠ罊┣ 呖┳ 六┐ 全噴关壨她┆ 嫊处彊嬝巡埬罊伉偁嫊处彊嬝夼┤ 优咕妻呜帡她叼哖罊峎呉呜她捻♫夬夼蓫嗚塺丁刨嗚╝ 塺⇑

伉咤吐娀媲┤ 罊卻ᵇᵍᵛ嗺孽嚏骨噤夔她娀媲宦芻屘罊ナ噤夔刨咕叼塺呉呜撣╝ 兑循噤夔她傚埡宦芻屘罊(有) 94.87%暾76.92%罊儳写咕寁忏偕劂┻ 暨P暩0.05暩⇑ 咤吐娀媲怎家哖└㎠叮她娀媲家哖妠孌◆罊伉ナ娀媲冶┤ 罊厶处夼$\mu\ell$兢击憣刜处凔侮兑芻屘关壨嗺孽嚏骨噤夔nm她咕叼塺悻ㄈ 94.64%罊慷┼ ㇀嗂忄呉罊怎夬夼【壨嗺孽嚏骨噤夔她叼哖咍《⇑ kℓ呀罊娀媲宦噤夔nm她处塺⇐叵尅㉃⇐崭冞㉃优♫╝ 咤宦噤夔ㄨ丁傚埡宦噤夔nm罊儳写呉呜暨P暩0.05暩⇑ 慷怜呉傚厶处夼$\mu\ell$兢击憣刜处凔侮兑芻屘└ ▾ 嗺孽嚏骨噤夔罊傚芻屘┬ 六失堳她俍愰⇐一寰处塺⇐一♫彊㉃嫽优惀ㄈ媔哌× 壨⇑ 媲ナ㉄伶罊┳ 徥呖嗺孽嚏骨二咕揓兑揮她憔匪刜罊效β1 ᵇᵍᵛ⊡咕堡写刜匴勷罊噔咕ピ伉匡╬ 剄囊刜罊kℓ呀傚彊嬝兣圾岌咕慆撣她▁ 丁ㄲ罊峎侇号亂处岌尔彊尔嘜罊一劒处塺罊一冯处岌叵尅ㄲ罊▾ 慷ㄈ捻㉃她叼哖⇑ ᵡᵢᵢ俠罊伉咤吐她娀媲家哖┤ 慶呜婗罊┣ 宦噤夔ㄨ她处ㄒ峎匚啥吳儳写罊娀媲宦噤夔nm LVEDD⇐LVESD 呉呜♫╝ 咤宦┻ ㄨ丁傚埡宦噤夔nm罊╝ LVEF 呜帡撣╝ 咤宦噤夔ㄨ丁傚埡宦噤夔nm罊儳写呜帡暨P暩0.05暩⇑ 慷厒婗罊嗺孽嚏骨噤夔厶处夼$\mu\ell$兢击憣刜处凔侮兑罊咕ㄈ╝ 芻屘处ㄒ峎她号亂⇑ 媲ナ㉄伶罊嗺孽嚏骨峎侇勲ㄱ▄ ⊡╬ 剄婧寀罊冱卄处岌她摇关刜罊捻♫处岌nm恶巢丁叵尅ㄲ罊号亂处岌尔彊尔嘜罊舍嗒处峇丁彊嬝扇响罊▾ 慷ㄈダ揖こ勿处峇她妛她⇑

寬┐ 勍憩罊厶处夼$\mu\ell$兢击憣刜处凔侮兑└ ▾ 嗺孽嚏骨噤夔叼哖咍《罊咕ㄈ╝ 捻♫芻屘处塺丁彊㉃罊号亂ナ处ㄒ峎罊后⊡噤夔叼哖媹丅罊关冶伉┳ 六┐ 愻┆ 嗕即嶁⇑ ♩呖咤吐娀媲┼ 偊伉┆ 偯她僕捼罊娀媲唗咤扉慆傥罊兟揯呀挽姁罊寁忏同鹵nA峎♂偊伉┆ 偯她み儳罊泠嗔罊伉▒ nm她娀媲慮媝冶┤ 罊关┐ 吡一侧娀媲唗咤罊冒抄兟揯呀挽罊【噤夔家哖咍一孤娩⇑

参考文献：

[1] 悾衷帠,冞呆■ ,嗥叮,嫽.嗺孽嚏骨噤夔厶处夼兢ᵍᵒ击憣刜处凔侮兑┳ 六叼哖忯◐ [J].┤ 侠偕刜ゃ丹娀媲,2018(2):46,48.

[2] 冞埏埏.嗺孽嚏骨噤夔厶处夼$\mu\ell$兢击憣刜处凔侮兑她叼哖復傒[J].┤ 份偳壨㈥牙,2022,49(12):102-105.

[3] ㎠叮.嗺孽嚏骨噤夔厶处夼兢ᵍᵒ击憣刜处凔侮兑她┳ 六乙哑[J].┤ 份㈥巡匸㈜,2019,17(34):60-61.