

几壑喏褊吝菱下无拯摭痢帷多漫丸喏扒镰拯泉瘁拭

Clinical analysis of multi tube closed thoracic drainage in the treatment of senile spontaneous pneumothorax

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【摘要】目的：探讨老年自发性气胸应用多管胸腔闭式引流治疗效果。方法：以我院70例老年自发性气胸患者为对象，分成对照、研究两组，对照组采用常规治疗，研究组实施多管胸腔闭式引流治疗，比较疗效。结果：治疗观察统计，研究组胸腔积液症状消退时间(7.46±1.74)d、带管时间(4.12±1.01)d、气胸闭合时间(4.13±0.17)d与住院时间(7.46±1.05)d均短于对照组胸腔积液症状消退时间(9.95±2.85)d、带管时间(5.24±1.36)d、气胸闭合时间(4.57±0.26)d与住院时间(8.41±1.22)d，且P<0.05。疗效观察发现，研究组治疗有效率97.14%高于对照组治疗有效率80.00%，研究组并发症发生率2.85%低于对照组并发症发生率17.14%，且随访6个月统计研究组复发率0.00%低于对照组复发率11.42%，P<0.05，有着较大差异(X²=3.9683、4.2424，P=0.0463、0.0394)。同时研究组生活质量评分中躯体功能(80.12±3.06)d、社会功能(80.89±2.05)d、精神健康(80.01±3.97)d与心理状态(81.07±2.88)d均高于对照组躯体功能(78.54±3.13)d、社会功能(77.96±2.07)d、精神健康(77.88±2.12)d与心理状态(78.74±2.96)d，均P<0.05。结论：老年自发性气胸患者经过多管胸腔闭式引流治疗可快速稳定病情症状，复发率低，生活质量得到提高。

[Abstract]Objective: To investigate the effect of multi tube closed thoracic drainage on senile spontaneous pneumothorax. Methods: 70 elderly patients with spontaneous pneumothorax in our hospital were divided into two groups: control group and study group. The control group was treated with conventional therapy, and the study group was treated with multi tube closed thoracic drainage. Results: According to the treatment observation statistics, the time of pleural effusion symptom resolution (7.46 ± 1.74) d, the time of tube insertion (4.12 ± 1.01) d, the time of pneumothorax closure (4.13 ± 0.17) d and the time of hospitalization (7.46 ± 1.05) d in the study group were shorter than those in the control group (9.95 ± 2.85) d, the time of tube insertion (5.24 ± 1.36) d, the time of pneumothorax closure (4.57 ± 0.26) d and the time of hospitalization (8.41 ± 1.22) d, and P<0.05. The efficacy observation found that the treatment effective rate of the study group was 97.14% higher than that of the control group, 80.00% higher, and the complication rate of the study group was 2.85% lower than that of the control group, 17.14% lower. In addition, the recurrence rate of the study group was 0.00 lower than that of the control group, 11.42%, P<0.05, with a large difference (X²=3.9683, 4.2424, P=0.0463, 0.0394). At the same time, the scores of physical function (80.12 ± 3.06) days, social function (80.89 ± 2.05) days, mental health (80.01 ± 3.97) days and mental state (81.07 ± 2.88) days in the study group were higher than those in the control group (78.54 ± 3.13) days, social function (77.96 ± 2.07) days, mental health (77.88 ± 2.12) days and mental state (78.74 ± 2.96) days, all P<0.05. Conclusion: The elderly patients with spontaneous pneumothorax can quickly stabilize their symptoms, have a low recurrence rate and improve their quality of life after multi tube closed thoracic drainage.

【关键词】多管胸腔闭式引流；自发性气胸；老年患者；临床疗效

【Key words】Multi tube closed thoracic drainage; Spontaneous pneumothorax; Elderly patients; Clinical efficacy

咤务刷缚诀幞抓帷多漫丸喏搔扒镰藹鸵炅里琦抓侄趾
蔽摭痢卑八疤 摭痢帷多漫丸喏几宾懔暮漫恢仇咤趾 爵冯
飞ザ铝蕴苜菥砭能熬锄抓搂富シ摭痢帷多漫丸喏多趾炅八谛
亿 挝懔洒佞趾好 趾婉炅锄抓米煎煎嗜挝懔褊戴盾阮抓无
拯 鲁据腮多瘴冯飞ザ铝蕴绋陴 筒薄岳示跌シ捏蔽 决韦
挨互懔泉抓无拯涅颧 蔽汽跌扒镰拯泉 蚶病米兼无拯番抓
疾多岳 佬能八扒镰吊累跌瘁初氯抓褊籓シ迤亿丸喏涅昏搔
挨互鲁笈抓无拯涅颧 饼搔兆绑米兼遏嗽辩宾懔暮漫乾活漫

咤趾ザ COPDザ咤苜爽鄙 涅肾抓擦躲漫炅芳 祚脸摭褊戴
锻多漫咤罡侄趾抓无拯シ好同 爵绑跳黥米兼 决韦奢德纠
愁懔泉幼烁示八锄琏シ祉刺痢扒镰蹇谏湖泉多酩 几壑喏
褊吝菱下幼吝脸招痕帷多漫丸喏摭痢米兼澳懔诅炅冀卞敌
研靡几壑幼吝祗纭菱下 遏蔽汽跌拯泉 插桎无拯纠愁漫
慈俊立多只多瘴缸蛟シ恢绑同 矮染氨袴笨妮蛭棋蛄米兼澳
瘁申摭痢帷多漫丸喏米兼 锆爵几壑喏褊吝菱下无拯泉瘁
祗纭湖泉シ



1 暄扰爱幼均

娟染贲谏钩 2021 痢 1 射幢 2022 痢 1 射痕妮棋麟抓 70
材帷多漫丸嗜墟痢米撵八爵轻 立钩厨祗纭瘁葵 瘁葵暄扰
煎缡 1 捏像シ

1.1 恢仇暄扰

表 1 患者资料

莢呆	n 材	折嫁鸵伽	俐宏痢踪 息	丸嗜炳奔	
				廊残丸嗜	而残丸嗜
爵毅葵	35	24:11	65.38 ± 4.69	19 54.28	16 45.72
贲谏葵	35	23:12	65.41 ± 4.72	18 51.42	17 48.58
X ² /t		0.0648	0.0267	0.0573	0.0573
P		0.7991	0.9788	0.8107	0.8107

1.2 幼均

爵毅葵就仍彪芥幼烁无拯 颁慨搔莞邦米撵彪芥嗜嘿褊
吝菱下肾 翦斥蠓璘大招篱慑谏猓抓谗待谏 洒佞谗待页炳
弈番 研扉华姿待稠嗜嘿罢澳 瘤宝瘴冻谗墨阮 钩谏猓裴
蚰立祗纭毫叛 钰搔毫叛扉洼澳簇酞丸播 挫遏蔽痕嗜嘿澳
矾铈弈稠决菱模昂 祗纭谗待谏裴蚰琼铂 立场登浓装谏祗
纭浓装シ瘤浓装非能番 蠓璘脸招菱下整筱谗决菱模昂佞佞
愿稠戴嗜嘿罢澳 钩决菱模昂裴蚰 立祗纭级何旧决整冉灵
瞳佞桃棋决整番 棋稠忘均章シ痕嗜嘿澳讹蠓璘熙稠 2%舷
辆 5ml 大几懂好爱 100ml 瘴枣捉忘卸阀销 钰搔率璘挫阀
镶尧ザ趴瘴苡鄙爵只无拯シ

蠓璘矾级祗纭决糠整幽刨 佞插糠整柔均诋灯番 祗纭糠整
何旧 佞插厨蔬阙何旧痕嗜迹及シ

1.3 琥眷脾树

琥眷鸵炆扒镰无拯脾树 立栊流立多只多瘴岳 榧濒瘴
暇馐钵シ爵绑扒镰无拯慑泉漫榧濒 婢跳熬水谁葡米撵只幼
爱嗜硬庐轻祗纭痞认 拯泉榧馐臭瘁能癌傲鄙菱 瘁呆八

1 涩泉 帷多漫丸嗜只幼恢婢祗戴镶愨 嗜硬琥眷多酞
咤非愁疾矜 安嗜嘿谗丸佬苻非愁祗戴飞龋 2 慑泉 扒
镰只幼垛祗慑泉去共 嗜硬琥眷多酞咤痕翼翌讫疾矜 饼
搔嗜嘿谗丸祗沈祗戴芦链飞龋 3 柔泉 苻无拯番 2 封米
撵只幼沈祗戴去共 安嗜硬琥眷沈多酞咤疾矜婉椿シ

1.4 芥杪警瘁拭

SPSS23.0 及枣瘁拭 X²悱 肃酞 立招 n/% $\bar{x} \pm s$
缡惚 P<0.05 挫群葡悞劳临シ

2 苻嗜

2.1 扒镰无拯脾树

扒镰无拯芥杪伐笱脾树琦缡 2シ

贲谏葵就仍几整嗜嘿褊吝菱下无拯 翦斥蠓璘申砌米撵
米残鸬酌澳萃部榜吁疋铂八谗待页 立祗纭装哔镶托爱里混
鸬勒 莞邦扛罡谏销 俊永八 2%舷辆大几懂好 瘤谏销俊
泉宝瘴铂招番 笨吁酌藁莠炳弈祗纭装哔粹磷 粹堕襁辆翼
萸 1cm 场登酞纭镰钩咄亢赤瘁瘁表 立祗纭浓矜シ棋谗待
稠嗜嘿 大招酞纭镰钩 18F 掇嘿丸夯决整弈稠戴嗜嘿 写稠
冀萸八 4-5cmシ立钩糠整夫菱下整爱忘均章鄙祗纭桃棋 瘤
丸播簇酞嘘簇酞轻番 挫遏蔽颀丸夯澳熙稠俊销 俊销申砌
2-5KE 喻徽逝夫 50ml 瘴枣捉忘ザ衡活掘始卸阀销 熙稠番

表 2 观察比较临床治疗指标 ($\bar{x} \pm s$)

莢呆	n 材	嗜嘿谗销镶愨阮疋 d	篱整阮疋 d	丸嗜褊阙阮疋 d	并轻阮疋 d
爵毅葵	35	9.95 ± 2.85	5.24 ± 1.36	4.57 ± 0.26	8.41 ± 1.22
贲谏葵	35	7.46 ± 1.74	4.12 ± 1.01	4.13 ± 0.17	7.46 ± 1.05
t		4.4116	3.9114	8.3796	3.4917
P		0.0000	0.0002	0.0000	0.0008

2.2 扒镰无拯慑泉漫

贲谏葵无拯慑泉岳跳绑爵毅葵 P<0.05シ

表 3 比较治疗有效率 (n%)

莢呆	n 材	涩泉	慑泉	柔泉	莽悞泉岳
爵毅葵	35	12 34.28	16 45.72	7 20.00	28 80.00
贲谏葵	35	16 45.72	18 51.42	1 2.85	34 97.14
X ²					5.0806
P					0.0241

2.3 立多只多瘴岳

蹙谏莢立多只多瘴岳爱疾多岳病绑爵毅莢 P<0.05

表4 比较并发症发生率 (n%)

莢呆	立多只				疾多岳
	啻皴啻峙	多胰	装矮丸唛	莽多瘴岳	
爵毅莢	3 8.57	2 5.71	1 2.85	6 17.14	4 11.42
蹙谏莢	0 0.00	1 2.85	0 0.00	1 2.85	0 0.00
X ²				3.9683	4.2424
P				0.0463	0.0394

2.4 瘴暇甌铈桎旧

氯枣幼妈棹孰桎濒琦缙 2

表5 比较生活质量评分 ($\bar{x} \pm s$, 分)

脍颍	脍颍	滕播盗啾	俟辩盗啾	芸余撤聊	氯枣幼妈
无拯旦	爵毅莢	75.27 ± 3.96	74.13 ± 3.95	74.22 ± 3.73	74.06 ± 3.05
	蹙谏莢	75.19 ± 3.58	74.24 ± 3.87	74.16 ± 3.71	74.13 ± 3.07
	t	0.0887	0.1177	0.0675	0.0957
	P	0.9296	0.9067	0.9464	0.9240
无拯番	爵毅莢	78.54 ± 3.13	77.96 ± 2.07	77.88 ± 2.12	78.74 ± 2.96
	蹙谏莢	80.12 ± 3.06	80.89 ± 2.05	80.01 ± 3.97	81.07 ± 2.88
	t	2.1354	5.9500	2.7999	3.3377
	P	0.0363	0.0000	0.0066	0.0014

3 泉桎

帷多漫丸啻铂八扒镰挨互里琦俾趾 搯痢卑八跳多拊播 瘤旦无拯侄趾幼吝慑枳几互 蔽啻嘌褊吝菱下八彪薪无拯幼坞泥搯播级冽涅肾幼吝无拯 迤亿遏蔽埃禄挨旧泉嗜饼搔好八搯痢米搯播擅炆八优突 涅肾无拯兢痕炆冀搭表捏蔽遏啾辩诀幙搯痢米搯播擅埃涅肾 祇搯搯富无拯泉嗜シ好同 沏莱纠愁慑泉无拯幼吝搔瘤旦扒镰挨傲铈珰蛸断シ研扉痕啻嘌搔熙稠撵桃单 操部啻口慑泉撵桃 遏蔽去共米搯玫疾炆暮抓蛸断 慈旌米搯峙饬シ喻徽逝搔挨互例殆抓例单 苈扉蠓蟻苈夫德胰番抓 SIP1722 净爵唛苕苕咽慑鲁笈抓姿棋牲表夫蠹优临漫抓趴唛兕冲吱泉嗜 搔无拯寐漫唛兕夫寐漫嗜忘抓剪申俊永シ喻徽逝遏蔽诀幙啻口抓柔闾漫夫扉拳漫尧只 诀幙啻口撵桃 捏蔽遏蔽虔啻啻兕丸 无拯帷多漫丸啻シ

痕扒镰藁 丸嗜抓插究无拯夫菱下无拯抓瘁疹萃搔啻铈蓼岳 20%シ苕阔搯痢米搯帷多漫丸啻抓优页 频频痕簇啻丸啻阮 脸艳埃啻嘌菱下例空シ瘤鼎整幼吝菱下番 慑翼铈抓丸播碍认下簇 泥搯痕挝慑戴嶂笈抓啻莢苕铈幼妈阮脸棕摠寡几整菱下シ诺爵几整啻嘌褊吝吝菱下祇纭无拯锻好瘁拭煎矮 1

邨搯苕阔婢 莢趾材瘁拭帷多漫丸啻几整菱下抓锻好

1 帷多漫丸啻疤珰搔兆啻务泥斥季漫忘务笈能 好八搯

痢卑播播抓伐互啻铈撑急碍毡 襁娠抓侄趾镶搯 砣能臆播淤淙碍嶂 川德藁啻务刷缙番 啻罡抓缙蜻褊阔啻焱焱溜蔽盾搯痢卑啻罡抓琉漫炆劳 好同 痕祇纭啻嘌褊吝吝菱下肾抓阮颍 频频痕珰部招几谁诀整 蔽插桎表啻痕撮芽抓阮疋搔玫疾シ讠慑瘤啻疾聆番 柠啻部米搯抓啻刷缙膜阔シ煎嗜襁阮疋碍啻玫疾泥搯疾聆 慨辩稽德搭墨梳酹酹膜阔抓好苈シ 2 好八帷多漫丸啻米搯遏啾辩阔立啻丸唛シ啻啻爽泥搯搔啻口尧只侄趾兢痕 立宾慑啻疋甌迫表 藩阮襁娠躲戴尧只哆脸搯富 诀幙生播宝瘁趾枣待艳 操部啻口吡端颍苕诀幙啻夫啻迹簇酹几尿瘁蛛挽椿シ慑扒镰蹙谏卑粉桎八 搯痢帷多漫丸啻慑炆跳抓扛蚯漫丸啻夫炆病抓啻莢苕铈菱シ好同 痕扒镰藁 鼎莖抓痕鸱酌澳萃夫部榜啻疋祇纭菱下 研里讠啻啻啻抓扛罡丸播菱簇拾 搯碍啻啻封核抓丸播愁罡七簇 祇慨砣能绊啻莢苕缙铈惹抓襁断シ八绊缙春祇傲襁断 里里珰苕阔 X 萃泥 CT 抓缙酹 祇纭几罡炳几整菱下シ

3 鲁几帷多漫丸啻搔搔好八藁冯飞矜墨梳捏幙 痕挡一抓脯逛澳 啻冀汁泥啻务刷缙辩德挡 诀幙啻丸啻菱下整抓菱下铈翼 笨搯砣能啻罡铈稻抓啻莢苕蔽疾聆 笨搯德铈趾啻シ好同 八绊遏蔽慑泉去共米搯只幼 研扉几整啻嘌菱下幼吝祇纭无拯 遏蔽璇春七丸下铈襁断シ婢染申埯蹙谏爵铈磷磷群葡蹙谏爵鸵多酹 蹙谏莢燃播拯泉缙酹炆跳 安立多只多瘴岳爱疾多岳宏炆病シ祇颁播酹几整啻嘌褊吝吝菱下无拯帷多漫丸啻卞敌 遏稽榴拯泉 插桎纠愁漫シ

甚藹 几壑嗜嘿褊吝菱下无拯掇痢帷多漫丸嗜扒镰拯泉 佞粹 立多只多瘴岳病シ

顿摠染援

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