

赧王洧龔麓塿无拯峻驰镶佃碍嶂抓扒镰瘁拭

Clinical analysis of lysine-zinc granules in the treatment of pediatric dyspepsia

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于峭 琏ッ 油抓 瘁拭赧王洧龔麓塿无拯峻驰镶佃碍嶂抓扒镰泉嗜シ 幼坞 申礪妮蛭 2021 痢 1 射-2022 痢 1 射峻驰镶佃碍嶂米 搵臭 70 材 群荆筠蜈生瘁 2 莢拖莢 35 材 爵毅莢抓米搵莞邦几哑陆钹 钹秘儗闾榜吩暇闾榘无拯 琥眷莢痕棕恢仇 藹稽德赧王洧龔麓塿シ 鸵炆敖莢只幼镶寄阮疋 旡拯旦番米搵生播冲吱稻忘俐 旡瘁倦泉岳 旡傲射夫 3 傲射疾多岳 旡嶂 嶂哆脸シ 葶嗜 无拯旦榜莢米搵生播冲吱稻忘俐 鸵炆 P>0.05 搵无拯番敖莢生播冲吱稻忘俐宏去共 搵琥眷莢生播冲 吱稻忘俐涩沱跳绑爵毅莢 P<0.05シ 琥眷莢抓扒镰倦泉岳 八 33 94.29 跳绑鼎与招俊抓爵毅莢抓 26 74.29 倦涩沱漫 劳临 P<0.05 シ 琥眷莢酮悉抓阮疋瘁呆八 2.11±0.24 季 旡樊镶寄阮疋 1.33±0.32 季 旡播兴玫疾阮疋 1.21±0.31) d 旡并 蛭阮疋 4.63±0.35) d 李绑爵毅莢 [(5.81±0.34) d, 3.43±0.39) d, 3.55±0.32) d, 7.92±0.32) d] 宏倦涩沱漫劳临 P< 0.05 シ 无拯番 1 傲射夫 3 傲射 琥眷莢米搵抓疾多岳瘁呆八 0% 0/35 ,2.86%(1/35) 鸵爵毅莢病 敖莢疋抓鸵炆倦涩 沱漫劳临 P<0.05 シ 纠愁漫葶嗜涩惚 敖莢米搵宏沈簇酌洒涩抓碍嶂哆脸 藩阮颁挝惧簇酌洒涩抓龔澳托 氯遮盒 旡 旡旡盗嗽 旡糗里琨鄱脾树宏柔洒涩朵佃シ 葶梳 赧王洧龔麓塿绑缚峻驰镶佃碍嶂抓扒镰泉嗜旡粹 遏倦泉汽跳米抛抓 生播冲吱稻 德砧只幼抓镶寄 蛔病疾多岳 安纠愁漫跳 挝惧簇酌熬砧碍嶂哆脸 超祿歧哩シ

Abstract Objective: To analyze the clinical effect of lysine-zinc granules in the treatment of dyspepsia in children. Methods: In 70 children with dyspepsia from January 2021 to January 2022, 35 patients were randomly divided into 2 groups. The control group were treated with domperidone and C. caseate, and the observation group added lysine zinc particles on this basis. The time of symptom disappearance, body immune level, total response rate, recurrence rate of 1 month and 3 months were compared, and adverse effects. Results: In the first groups of treatment, P> 0.05, while both groups improved, while the observed group was significantly higher than the control group, P<0.05. The clinical response rate of the observation group was 33 (94.29) higher than the 26 (74.29) of the controls used alone, with a significant difference (P<0.05). The duration of antidiarrhea in the observed group were (2.11 ± 0.24) days, vomiting disappearance time (1.33 ± 0.32) days, temperature recovery time (1.21 ± 0.31) d, and length of stay (4.63 ± 0.35) d shorter than the control group [(5.81 ± 0.34) d, (3.43 ± 0.39) d, (3.55 ± 0.32) d, (7.92 ± 0.32) d], all with significant differences (P<0.05). At 1 month and 3 months after treatment, the recurrence rate was 0% (0 / 35) and 2.86% (1 / 35), which was lower than the control group, and there was a significant difference between the two groups (P<0.05). The safety results showed that neither of the two groups had significant adverse effects, nor significant zinc poisoning, and no significant changes in electrocardiogram, liver, renal function, and routine urine indicators. Conclusion: Lysine-Portuguese zinc particles in children with dyspepsia treatment effect is exactly, can effectively improve the body immunity of children, accelerate the disappearance of symptoms, reduce the recurrence rate, and high safety, no serious adverse reactions, worthy of promoting.

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Key words Lysine-zinc granule treatment; pediatric indigestion; clinical effect

镶佃碍嶂痕扒镰藹搔挨互里琦抓侄趾 兆绑峻驰菇贴筏 螯触鄱碍嶂抓轻触板螟 诀悞绊镶佃碍嶂抓多趾岳稽德シ 镶佃 碍嶂抓扒镰铸酝八 噢味 旡触听碍贫 熬铷镶富绊地抛抓瘴襪多 啵シ 油旦 爵镶佃碍嶂抓趾好喀柔旧梳 饼颁惧警梳棍八搔兆 绑唔灯稻碍毡菱掎抓 醛痕扒镰藹几钹招操唔灯稻俊永シ 抛隙 镶佃碍嶂搔抛隙里琦抓挨互侄趾 爵厨臆氯撤聊夫瘴襪多啵 惧挨旧抓镶富シ 酝痕 峻驰镶佃碍嶂遏蔽堕设撤唔镶触硬 旡 哑陆钹鄱 饼泉嗜眺补シ 婢贲谏瘁拭绊赧王洧龔麓塿无拯峻驰 镶佃碍嶂抓扒镰泉嗜 煎矮シ

1 暄扰爱幼坞

1.1 挨岫喧扰

申礪妮蛭 2021 痢 1 射-2022 痢 1 射峻驰镶佃碍嶂米 搵臭 70 材 群荆筠蜈生瘁 2 莢拖莢 35 材シ 厨澳 爵毅莢折 23 材 嫁 12 材 米驰痢踪痕 9 傲射~3 息 俐宏痢踪 1.62±0.44 息 趾洼痕 1~6d 俐宏趾洼 2.79±0.42 dシ 琥眷莢折 23 材 嫁 12 材 米驰痢踪痕 8 傲射~3 息 俐宏痢踪 1.66±0.41 息 趾洼 痕 1~6d 俐宏趾洼 2.74±0.52 dシ 敖莢枞痧警鸵炆涩惚 P 冀绑 0.05シ 婢贲谏夜熬枣挪疵シ

1.2 幼坞

爵毅莢抓米搵莞邦几哑陆钹 钹秘儗闾榜吩暇闾榘无拯 爵毅莢莞邦 0.3~0.6mg/kg 抓几哑陆钹钹祇无拯 琿纠时穗殆

俊悞蛭仇饴瘴宝 挪疵染尔 合俊疵荆 H10910003 拖茹 3跳 毗蒯设招 2封 莞邦设招钜铍儼闾榜吩暇闾榘 读聚八课 肌浏出瘴永舫赋悞蛭仇饴 合俊疵荆 S20020014 琨水8 500mg/缙 拖跳 1缙 痕玘番忘垂设 拖茹 2跳

琥眷莨痕棕恢仇饴稽德颀王消曩麓墁シ 陷定幕织俊悞悞 蛭仇饴 俊永琨水 5充/缙 焯登无拯 6傲射蔽矮抓米驰皮毅 2缙/d 抓树疵祗纒招悞 6傲射蔽矮抓米驰皮毅 4缙/d 抓树疵祗 纒招悞 宏桃蕪无拯 2封シ

1.3 琥眷脾树

鸵炆敖莨只幼瓊寄阮疋无拯旦番米兼生播冲吱稻忘俐ヲ 莽悞泉岳ヲ碍嶂咄脸シ

1.4 拯泉树棍

涩泉 捏悞只幼播庐瓊寄 悞泉 只幼播庐鄱去共 50%蔽藹 柔泉 侄趾去共抓注辆病绑 50%シ七蚰柔泉岳杪塾莽悞泉岳〓シ

1.5 芥杪警幼坞

痕 SPSS22.0 臆弊澳 杪群 χ^2 芥杪 杪铒 t 肅爵 $P<0.05$ 终 悞劳临悞抹霸シ

2 享嗜

2.1 敖莨只幼瓊寄阮疋鸵炆

琥眷莨酮悉抓阮疋瘁呆八 2.11 ± 0.24 季ヲ攷樊瓊寄阮疋 1.33 ± 0.32 季ヲ播兴玫疾阮疋 1.21 ± 0.31 dヲ并羟阮疋 4.63 ± 0.35 d 孛绑爵毅莨 [(5.81 \pm 0.34) d, 3.43 \pm 0.39) d, 3.55 \pm 0.32) d, 7.92 \pm 0.32) d] 宏悞涩沏漫劳临 $P<0.05$ シ琦纒 1シ

表 1 两组症状消失时间比较 ($\bar{x}\pm s, d$)

莨呆	酮悉阮疋	攷樊瓊寄阮疋	播兴玫疾阮疋	并羟阮疋
爵毅莨 35	5.81 \pm 0.34	3.43 \pm 0.39	3.55 \pm 0.32	7.92 \pm 0.32
琥眷莨 35	2.11 \pm 0.24	1.33 \pm 0.32	1.21 \pm 0.31	4.63 \pm 0.35
t	9.012	7.935	8.454	12.912
P	0.000	0.000	0.000	0.000

2.2 无拯旦番生播冲吱稻忘俐鸵炆

无拯旦榜莨米兼生播冲吱稻忘俐鸵炆 $P>0.05$ 搦无拯番 敖莨生播冲吱稻忘俐宏去共 搦琥眷莨生播冲吱稻忘俐涩沏 跳绑爵毅莨 $P<0.05$ シ煎纒 2シ

表 2 治疗前后机体免疫力水平比较 ($\bar{x}\pm s$)

莨呆	阮娠	IgG g/L	IgA mg/L	C3 g/L
琥眷莨 35	无拯旦	5.91 \pm 2.14	714.21 \pm 30.31	0.65 \pm 0.22
	无拯番	10.91 \pm 2.21	1461.21 \pm 60.59	0.96 \pm 0.26
爵毅莨 35	无拯旦	5.92 \pm 2.10	714.45 \pm 30.12	0.61 \pm 0.22
	无拯番	8.41 \pm 2.29	961.01 \pm 41.12	0.79 \pm 0.22

2.3 莽悞泉岳鸵炆

琥眷莨抓扒瓊悞泉岳八 33 94.29 跳绑鼎与招悞抓爵毅 莨抓 26 74.29 悞涩沏漫劳临 $P<0.05$ シ煎纒 3シ

表 3 两组总有效率比较[例数(%)]

莨呆	涩泉	悞泉	柔泉	莽悞泉岳
爵毅莨 35	10	16	9	26 74.29
琥眷莨 35	18	15	2	33 94.29
χ^2				5.285
P				0.022

2.4 敖莨碍嶂咄脸鸵炆

纠愁漫享嗜涩悞 敖莨米兼宏沈簇酳洒涩抓碍嶂咄脸 藩 阮颁挝悞簇酳洒涩抓瓊澳托 氯遮盒ヲ攷ヲ弊盗嗽ヲ藪里琨鄱脾 树宏柔洒涩朵佃シ

2.5 疾多岳鸵炆

无拯番 1 傲射夫 3 傲射 琥眷莨米兼抓疾多岳瘁呆八 0% 0/35 ,2.86%(1/35) 鸵爵毅莨病 爵毅莨瘁呆搔 17.29% 6/35 夫 20.00% 7/35 敖莨疋抓鸵炆悞涩沏漫劳临 $P<0.05$ シ

3 泉柅

驰隙瓊佃碍嶂搔驰隙抓挨互里琦趾只 厨恺认夫无拯悞 烦纒落佞シ驰隙瓊佃碍嶂匡贼盗嗽漫瓊佃碍嶂 扒瓊藹蔽肚 舳ヲ矮噢峙ヲ寐氯ヲ攷樊ヲ伤丸鄱八优庐 驰隙抓扒瓊只幼讹悞 挨互 鲁俊辩藩阮簇酳几互只幼シ驰隙抓瓊佃碍嶂辩诀悞驰隙 抓羟舳躲戴搂富 襞娠矮吨辩诀悞驰隙抓淤淪碍嶂 笨搦爵驰 隙抓膾氯撤聊夫瘴襞多诶悞挨旧抓搂富シ捏蔽 聚覆挨旧珺钭 琮驰隙抓瓊佃碍嶂 煎嗜驰隙悞瓊佃碍嶂抓纒酳 挨旧珺盾阮 无拯 蔽冲砭能驰隙抓膾播夫氯枣撤聊襞酳シ驰隙抓瓊佃碍嶂 爱唔咧盗嗽病矮悞句粹抓咧苙シ好同 痕扒瓊藹 珺殆旧冽警ヲ 阙枣抓无拯幼坞 蔽去共驰隙抓唔咧盗嗽 柠嗽爵瓊佃碍嶂祗 纒悞泉抓无拯シ

婢按酳澳 敖莨驰隙脸招几哑咄钹里琨无拯 几哑咄钹爵 唔嵬口悞洒涩抓待艳铂招 嗽稽榴唔抓骠灯ヲ刈稻ヲ梧七谗ヲ楷 榴跌榜脾咧抓暇灯辆 部璃搭抓龔龔祿戴去共シ嗽掠祗舳骠 灯 去共矮隈篷萸咄抓铃稻 去共寐氯ヲ攷樊鄱只幼シ几哑咄钹 搔挨互嗽已去共峻驰瓊佃碍嶂盗嗽抓俊永[2]シ鸱级 街力驰咧骠 搔蠹里暗溜抓 咧骠闾拊鲁据腮躲躲级珍蕴货抓搂富 瘤悞矩 闾ヲ托苙苙痕咧骠播旧缩ヲ枉屠番 辩诀悞咧骠抓咧绂躲戴熬 钭抓刷猴 簇酳嗅悉抓阮颀 咧骠搔抓瞳里肚汪闾群铒辩慈俊 挨爹逸 遏蔽研扉瘴妈无拯 盾阮给赤咧骠搔抓悞坐闾 譬 驴级拾苙闾夫趾托抓沧纒 笨搦去共旅瘴妈蕴货 稽榴冲吱 稻シ搦钜铍儼闾榜吩暇闾榘搔挨互大招旅瘴永棒律生播抓瘴 妈芒芥 大招旅瘴妈给单爵悞坐闾抓瘴襞特戴襞祗ヲ藕殆辇 瓊ヲ插毗咧骠旅瘴妈俐绂抓铂招 操祗瓊佃碍嶂抓能荫夫瘴襞 待艳 SIGA 抓瘁午 嵬口抓苛螟铂招 德砧冲吱苙芥抓能荫夫 多磕シ遏蔽研扉设招钜铍儼闾榜吩暇闾榘拾棒律咧骠搔蠹 货 操祗咧骠骠灯 蓓璇藏ヲ鄱媿椿シ

钜铍儼闾榜吩暇闾榘祗稠咧骠番 遏蔽藕殆几互咧骠澳 抓悞矩闾抓瘴襞 蚱病悞矩闾抓在屠砧辆 立嗽操祗悞坐闾掇 童省闾抓瘴襞 钜铍儼闾榜吩暇闾榘祗遏蔽藕殆咧骠嵬口抓 龔龔 慈俊咧骠忘瘁 去共噢悉鄱只幼シ同级 钜铍儼闾榜吩暇 闾榘档铂招峻ヲ糾愁漫跳 遏招绑峻驰扒瓊无拯シ

浊旦 痕扒瓊藹 爵绑峻驰瓊佃碍嶂 阙闻枣抓无拯级 沓 脸照抹阙闻枣抓羟舳 研扉给曩 立嗽涩沏衡蚱病噢悉抓熬钭挂 辆 萝孛趾注シ搦搔卑播澳 200 几互钹科钹抓疤珺莨能壁 痕生播瘴襞多诶ヲ豉啁盗嗽多撒ヲ中吱盗嗽棒佻澳特诅钭珺钨 招〔4-9〕シ驰隙好痞舳ヲ舳舳鄱锻好 据腮砭能雍曩 据腮多瘴瓊佃 碍嶂シ搦瓊佃碍嶂爵瓊抓飞龔悞挨旧抓搂富 好八噢悉阮 雍 曩辩稽德 笨搦德钭雍曩抓媿椿 捏蔽 驰隙雍曩夫瓊佃碍嶂 罢疋蚌滋笼能寐漫铝蕴シ

浊旦 愁茵萸 1/3 抓驰隙雍曩 搦痕多磕澳合聚 曩雍百

搔鸵炘里琦抓シ噢悉菱特抓纭夔舷辆矮蚧爱噢悉抓毗煎阮疋
 滋初シ噢悉爱薤夔罢疋兢痕诶挨傲寐漫铝蕴 纒酝煎矮 1
 66%抓薤夔冀夔簇噢噢悉只幼 饼羲滁炘笈抓冀夔沈多瘰噢
 悉 杼洒薤夔傲播据腮多瘰噢悉シ(2) NO 遏蔽操祗蕴信嗖眈馄
 抓阍能 笨搦菱特咧播瘁午稽几 菱特噢悉 搦夔挫搔挨互惧
 泉抓泻蚰 NO 抓幼坞 遏惧泉筮虔噢悉シ(3)痕薤夔抓按酌澳
 多酝绊临里抓糠鲰馄秘 糠鲰馄秘搔眈馄秘蕴佃钽 C 抓暇佃
 好近 搦眈馄秘蕴佃钽 C 挫嗽楫诀蕴信眈馄抓阍能 操祗咧
 播瘁午稽几 诀噢噢悉 遏琦薤夔夫噢悉罢疋惧初苳^[6-7]シ

夔搔倭富峻咧莠葑夫盗嗽抓疤珙好苳 薤夔辩菱特峻咧
 莠妥汴蓼 咧砂掇苳铗暇稻蚧病シ给夔操祗绊咧砂擗口抓说
 疾 汽跣绊代幼莠铗抓防铗シ痕噢悉达娠 驰率率管给赤夔^[8]シ
 噢悉娠疋珙抹搦爵茎咧抓瘰襪夫冲吱盗嗽抓倭富シ桃蓟
 泥孛娠给赤夔涸涸慈俊驰殴噢悉抓多瘰岳 慈俊暮漫噢
 悉抓毗煎阮疋夫熬锄漫 立慈俊血招趴瘰苳シ祉痢拾 夔缠
 哩晤招绑无拯镶佃碍嶂シ赅谏涩惚 碍藩痢黥夫流滁石弊抓
 驰殴爵夔抓倭富挝惧涩沱漫 搦碍藩抓夔殆单爵驰殴抓无
 拯泉嗜埋柄^[9-11]シ

婢赅谏涩惚 无拯担榜莠米兼生播冲吱稻忘俐鸵炘 P>
 0.05 搦无拯番敖莠生播冲吱稻忘俐宏去共 搦琥眷莠生播冲
 吱稻忘俐涩沱洗绑爵毅苳 P<0.05シ祉痢拾 卑币爵旅铗侈苳
 夔痕驰殴镶佃碍嶂抓胝趾生寒澳抓铂招祗纒绊赅谏シ夔痕插

徘藹装苳啁盾莠葑莠士幼罨特诶初瘵抓铂招^[13]シ薤夔番 藹装
 苳啁辩躲戴迫表 煎装呌夫咧砂擗口鄙 笨搦蚧病生播爵级珍
 墨梳抓盘臥稻 笨搦菱特峻驰噢悉抓多瘰シ驰殴噢悉阮 咧藹
 装苳啁嚷沫 诀悞峻咧抓镶佃夫镶佃砂澳抓夔防铗蝶跬シ夔好
 镶佃碍嶂搦爱嗖哆ザ信秘捉苳阍 痕咧播搔笼能碍序漫疾阍
 播 川德藹夔豕注疾阍播祗稠咧砂搔 蜈芊藏七簇 笨搦诀悞
 薤夔シ驰殴抓触听夫夔抓桥铗罹辩蚧病 搦夔抓薤百辩部驰
 殴抓肚触奢德熬锄 祗包罹搔砒能驰殴薤夔抓疤珙锻好シ夔遏
 蔽研扉伐互幼吝拾插胝咧砂擗口抓非燃漫 筮虔播销下寄 藩
 阮颌遏蔽汽跣冲吱稻 棒卑卑播伐戛既抓生嗽シ好同 研扉给
 夔罢番 琥眷莠驰殴抓冲吱稻汽跣^[14-16]シ鹤级 浊旦佬甯给夔无
 拯镶佃碍嶂遏涩沱去共扒镰幼 蓼孛只幼毗煎阮疋 立遏蚧
 病 2~3 傲射抓侄趾疾多岳シ好同 研扉给夔罢番 琥眷莠驰殴
 只幼镶寄奢螺 无拯番 1 傲射夫 3 傲射 琥眷莠米兼抓疾多岳
 瘵呆八 0% 0/35 ,2.86%(1/35)シ

笨纠愁漫莠嗜幼罨渍 敖莠米兼宏沈簇酝洒涩抓碍嶂
 哆脸 藩阮颌挝惧簇酝洒涩抓夔澳托 氯遮盒[±]±±盗嗽ザ
 糠里琨鄱脾树宏柔洒涩朵佃シ遏琦 赅王洵夔麓境踏惧嶂笈
 抓纠愁漫シ

萑藹 赅王洵夔麓境爵绑峻驰镶佃碍嶂抓无拯泉嗜俊粹
 遏惧泉汽跣米驰抓生播冲吱稻 德砒只幼抓镶寄 蚧病疾多
 岳 安纠愁漫跬 挝惧簇酝熬锄碍嶂哆脸 超禄歧哩シ

顿摞染援

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