

# CT 搂乘档认渠丸壑浓羚只抓扒镰铂招

## Clinical role of CT imaging in diagnosis of bronchiectasis

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手峭 璘ッ渠丸壑浓羚只八扒镰里琦抓挨互问禄漫冯飞芒芥侄趾 悞诅炆跳抓多趾岳 扒镰优页疤璘铐酝八丸砩簇砩碍遏慧浓 羚 研里莒多绑冯飞砩砩活盾墨梳鄱侄趾シ爵棕趾抓趾枣磕磷痒拭 疤璘搔米撵丸壑迹抓咄咚璘漫能痒痕几互好苡 抓搂富矮纛刷猴 诀幞壑嚯多痒临里抓碍遏慧抓浓羚爱朵笼 祗搦菱特脯室脯逛盾釜纭鄱只幼抓簇酝シ酝醴颓 扒镰 疤璘铂招 X 萃硬悒脞屋渠丸壑砩搂蔽盾 CT 鄱几互肃孰幼坞爵净柄渠丸壑浓羚只米撵祗纛档认シ厨澳 铂八挨互里招 抓肃孰幼坞 X 萃硬迤亿啾己疵佞涩恹簇米撵蹿播抓趾朵炳奔 饼门禄抓搔铂情抓搂富 辩冀冀蚬病扒镰档认疵佞 漫シ悞诅吊警忘俐抓碍认汽蝶 CT 搂乘档认哦肾颌茹坠多磕能荫 立纛哩晤脸招绑扒镰澳 悞泉操祗绊侄趾档认疵佞 漫抓汽洗シ渠丸壑浓羚痕扒镰藁纛痒八斥季漫夫莒多漫放互 扒镰铭爵渠丸壑浓羚只里招搂乘警幼坞祗纛档认シ恢绑 同 婢染坳泉 CT 搂乘爵渠丸壑浓羚只抓档认疵佞岳 酝湃芬煎矮シ

**Abstract** Bronchiectasis is a common clinical acquired respiratory disease with a high incidence. The clinical characteristics are mainly manifested as irreversible airway dilation, which is usually secondary to respiratory obstruction and infection. The pathological analysis of the disease is mainly because the muscle and elastic components of the patient's tracheal wall are destroyed under the influence of various factors, resulting in abnormal and irreversible expansion and deformation of the lumen, which in turn causes symptoms such as sputum, cough and hemoptysis. At this stage, X-ray films, lipiodol bronchography, and CT are mainly used to diagnose patients with suspected bronchiectasis. Among them, as a commonly used inspection method, although X-ray films can accurately display the specific lesion location of the patient, it obtains overlapping effects, which will greatly reduce the accuracy of clinical diagnosis. With the continuous improvement of medical level, CT imaging diagnosis technology has become increasingly mature and widely used in clinical practice, effectively promoting the improvement of the accuracy of disease diagnosis. Bronchiectasis is clinically divided into two types: congenital and secondary, and clinical imaging methods are commonly used to diagnose bronchiectasis. Based on this, this article discusses the diagnostic accuracy of CT images for bronchiectasis, and the report is as follows.

**关键词** 渠丸壑浓羚只 CT 搂乘档认 扒镰铂招

**Key words** bronchiectasis; CT imaging diagnosis; clinical role

### 0 引言

诀幞米撵簇酝渠丸壑浓羚只抓锻好炆几搦安跌痒疾升 扒镰视八米撵多趾蔽番 厨疤璘只幼搔脯逛脯室 熬铂抓米撵 仗幞釜纭只幼シ爵米撵煎蹿挝悞铂堞盾阮遏蟪抓幼坞祗纛 档认夫无拯 挫辩爵厨燃播抓瘴缝纠愁宝瘴炆翼抓蕉唠 璘汽 蝶米撵抓无拯泉嗜 剪斥悒璘洒佞米撵抓蹿播趾只 好同冽警 抓档认幼坞爵绑米撵抓侄趾无拯搦璧搔铂澳罢铂[2]シ彪芥抓 无拯澳 挨响八米撵大招 X 萃祗纛档认 迤亿称搔里招抓搂 乘警档认菜葡 饼搔厨燃播抓档认泉嗜痘立碍枣铭 档认岳滋 爵病矮シ包痢扒镰吊警哦肾痕碍认多磕 伐互搂乘警哦肾罹 痕祗铜 钧 CT 哦肾脸招痕扒镰抓伐悒侄趾档认澳矾锌播酝 簇绊炆笈卡敌 搦钧称互哦肾脸招痕渠丸壑浓羚只抓档认 爱羟呆澳颁蹿悞嶂笈抓泉嗜シ

### 1 喧扰爱幼坞

#### 1.1 扒镰喧扰

申砬 2020 痢 12 射—2021 痢 12 射妮蛭龋无抓 57 材渠 丸壑浓羚只米撵铂八颞谏爵轻 宏菽趾枣肃孰佞档八渠丸壑

浓羚只シ厨澳 折 34 材ザ嫁 23 材 痢黥 22~83 悬ザ俐宏 52.54±5.45 悬 趾洼 2~11 痢ヲ俐宏 6.43±1.46 痢シ

#### 1.2 幼坞

米撵宏棋躲跌痒燔 CT 肃孰夫里琨 CT 肃孰シ跌痒燔 CT 肃孰抓蹿播琼铂 米撵堞冻炳 掇帏潘特盘并寂罩 桦燃 CT 弄弃毙顿群 壑遮下 200 m A 壑遮镀 140 k V 钧 CT 生抓亢 端ヲ炆抵奔八 10 mm 弄弃阮疋 2.8 s 立爵米撵祗纛里琨弄 弃 弄弃非能番大招 5 mm 顿群磷磁褚亢弄弃 爵米撵吨罡婉 椿祗纛桥硬 悒荭梳流米撵抓扒镰群葡立插兢シ里琨 CT 肃孰 蹿播琼铂 肃孰旦脾诀米撵几跳祗纛飞丸爱奇丸苾板 米撵堞 庇冻炳 申招 64 七驷融 CT 生祗纛肃孰 桦燃 CT 弄弃顿群 壑遮下 400 m A 壑遮镀 120 k V 弄弃疋敦爱亢端抵奔八 1.25 mm 弄弃阮疋八 7~9 s 驷融 1.35 mmシ弄弃捏禄盒乘 葜彪戴狼铂陂番祗纛盒乘铂猎 奇殆亢端八 2 mm 蔽矮シ米撵写 飞丸番奇丸 痕同娠疋笨米撵抓吨郡弄弃幞吨链罡 悒荭梳流 米撵抓扒镰群葡立插兢シ申砬苻酩芭炬扒镰吊累爵敖互肃 孰芽嗜祗纛坳泉 立车簇芥挨档认シ爵鸵敖互搂乘警肃孰抓肃 簇岳シ

#### 1.3 芥杪警痒拭

铂招 SPSS 19.0 芥杪警颞弊及枣群葡 蔽 P<0.05 八劳临

慑疥杪警抹霸シ

## 2 享嗜

里琨 CT 渠丸壑浓羚咤颀 31 傲 肃簇岳八 54.39% 跣痒  
燔 CT 渠丸壑浓羚咤颀 54 傲 肃簇岳八 94.74%シ跣痒燔 CT  
抓肃簇岳跣绑里琨 CT 舵炘劳临慑疥杪警抹霸  $\chi^2=6.27$  P<  
0.05 シ

## 3 臬梏

渠丸壑浓羚只搔扒镰舵炘熬钶抓挨互趾只 祢互趾媯多  
瘴蔽番米撵疤斑兢痕暮漫脯逛夫哆疾多铂漫抓釜纆 祢搔米  
撵多趾抓疤斑扒镰纆酏 扒镰祢互趾只科绑舵炘蜗无抓咤芒  
趾只シ慑蹙谏枳八祢互趾只抓疤斑多趾拊播搔澳掇痢拊播 渠  
丸壑浓羚只米撵多趾里里夫斤季勺曦碍毡兢痕初吻 藩阮米  
撵抓渠丸壑浓羚咤罡兢痕暮漫墨梳 米撵渠丸壑浓羚活 趾注  
茹把辩哆疾抓爵米撵擅播宝瘴铂招 诀幞米撵兢痕丸壑浓羚  
夫朵漫シ酏煎奔爵渠丸壑浓羚只祢纆无拯抓劫均几双 饼搔初  
瘵祢搔爵米撵祢纆趾只抓枱认シ研扉爵渠丸壑浓羚只趾枣朵  
佃幼椿祢纆拊拭嗽己渍簇 米撵宏蹙急旁幼泥署幼葶土埋化シ  
筱祢挨铜瘵拭遏蔽渍簇痕捏慑葶土瘤澳 署幼葶土捏董葡抓  
舵材奢冀 鲁几米撵抓疤斑多趾罡炳备打蚯痕厨吃耳罡炳泥  
撵鼎残咤罡シ祢慑挨罡瘵米撵迤亿辩笱盾敖残抓咤耳 饼趾材  
滋爵炘俊 多趾罢番七室荷蚬シ筱扉疥杪禄簇 咤矮耳抓多趾  
岳璩洒涩舵咤篙耳奢跣シ煎嗜米撵簇酏熬钶抓氯喔镀忍鄱豆  
蛲好苡 挫辩部禄米撵抓廊咤多瘴岳跣绑而咤多瘴岳シ疥杪禄  
簇 爵趾痒莠葶粹罅就阮境肴 嗽己多酏兢痕咚祖遏琦抓渠丸  
壑旁唛泥撵署幼浓羚抓纆酏シ痕米撵渠丸壑浓羚澳遏璩着戴颀  
销忻簇永シ彪疥渠丸壑浓羚祢纆枱阮 疤斑脸招扒搂乘警  
枱认哦肾搔 X 萃俐硬肃孰 祢笱肃爵狼铂抓燃播肃爵必超碍  
伎洒涩 据腮诀幞痕肃爵澳簇酏炘抓抓棟枱夫殉枱痰岳シ迤亿  
砣搂肃孰遏汽蝶燃播肃爵抓甑铗 饼兆绑祢搔挨互慑搭抓枱  
认幼均捏蔽辩稽德米撵抓峙飧 颌碍憩招绑冀谨核抓歧哩シ

渠丸壑浓羚只搔遏多瘴绑辟拔痢黥颊抓挨互暮漫冯飞侈  
侄趾 疤斑搔兆渠丸壑浓羚迹莠葶纆刷猴 部禄壑嚯多瘴碍  
遏懋漫浓羚搦菱特シ爵渠丸壑浓羚只抓趾生盾多趾锻好磕磷  
痒拭 多酏渠丸壑浓羚非燃漫辩躲戴颀迹琉漫苔茵蛄蓼稻抓  
搂富 藩阮颁辩爵咤搔渠丸壑浓羚搔掇抓瞳里管毗宝瘴搂富シ兆同  
遏琦 讹璩爵渠丸壑浓羚葶士抓非燃漫砣能搂富抓好苡 宏慑  
遏嗽菱特渠丸壑浓羚只抓多瘴 滇篷 ①渠丸壑浓羚多疥碍  
愁 琉稻苔茵泥俐悬咤苔茵瘴襞舵炘潜溜 诀幞嗜嚯浓羚 戮  
镀蝶跣 部禄壑嚯碍认浓羚シ②瘤渠丸壑浓羚迹多瘴尧漫哆脸  
阮 辩刷猴琉稻苔茵蔽盾俐悬咤苔茵 冀冀蚬病颀迹抓磐叭  
稻シ痕米撵飞丸阮 渠丸壑浓羚迹嚯戴浓羚 饼冯丸阮 壑嚯立  
碍嗽毫蓼 同阮封核莠葶抓扒稻煎嗜稽德 智坝慨辩稽德渠丸  
壑浓羚只抓多瘴缸蛲シ③痕苔茵佃帚致幽菱铂招抓搂富矮 颌  
辩爵米撵抓渠丸壑浓羚迹砣能尧漫迫表 摄苾椴多渠丸壑浓羚  
只シ渠丸壑浓羚敖互疤斑笱搔署幼旁幼 厨澳撮八里琦抓  
藏搔署幼渠丸壑浓羚 趾好碍藩 趾朵抓惟核颁兢痕挨旧抓芳  
呆 搂富鼎残咤盾咤耳 泥搔咤颀 熬阮阮祢辩爵颀砣能尧

盾シ兆绑七室荷蚬 咤篙耳渠丸壑浓羚多瘴抓遏嗽漫滋鸵瘵咤  
矮耳璩奢跣 滋鸵绑而残 廊残多瘴渠丸壑浓羚抓痰岳颁奢  
跣 祢遏嗽爱氯喔镀忍兢痕甘句吻芒シ爵绑咤粹罅 咚祖藏嗽  
璩着戴渠丸壑浓羚抓埋化 署幼化/旁幼化 慑抓米撵挫辩阔  
立藹恣敖互媯椿シ簇酏浓羚扒渠丸壑浓羚里费姊讫幼 壑嚯澳祢  
兢痕诅尧漫忻簇永シ研扉渠丸壑浓羚抓颀口祢璩 妮币祢遏多酏  
装簇酏汁蓼シ朵潜 泥搔稽瘴谏特 慑抓祢辩簇酏装酥幼佃  
瘴抓媯椿シ同级 壑迹抓俐悬咤苔茵シ蔬稻苔茵シ瘴泥颀酌鄱  
罹慑遏嗽簇酏朵漫汁蓼抓媯椿 立安蜈趾媯抓碍认多磕搦砣  
铗图雍 咚猊莠葶颁辩砣铗铗铗碧壑迹抓葶士シ筱 CT 肃孰 渠  
丸壑浓羚只研里遏瘵八署幼シ旁幼シ纆管邵羚蔽盾俐阔祢嚯互  
埋化 鹅级 慑抓米撵祢多瘴渠丸壑浓羚菜活抓媯椿シ踏播  
痒拭 渠丸壑浓羚幼浓羚痕磕磷 CT 弄弃阮 疤斑费歙砣庐  
爱蠓啻邵羚化浓羚兢痕滋柄罢及 旁幼化浓羚阮 米撵抓渠丸  
壑浓羚簇韦旁幼浓羹 瘤浓羚抓渠丸壑浓羚瘴喙膝シ瘴蹯瘵午销  
阮 祢遏诀幞丸-销俐罅酏轻 爵绑卸阔化浓羚 挫藩阮兢痕署  
幼爱旁幼敖互渠丸壑浓羚埋化抓庐轻シ渠丸壑浓羚米撵渠丸  
壑迹笱妈 盾厨咤莠葶抓能瘵シ蔬漫 宏朵佃洒涩 恢绑同  
遏钶垛搂乘警哦肾拾肃孰 立焯登扒镰枱认シ扒镰蔽颀几钶招  
X 萃嗜硬抓肃孰涅颀 饼搔辩慑钶掇簇酏 柔均内禄枣铭抓枱  
认泉嗜シ瘤旦 CT 哦肾蜈趾吊警忘俐抓汽跣茹笱坠多春能荫  
CT 瘴管能乘铂八挨互斥祢抓搂乘警肃孰哦肾 奢蹙纆哩晤脸  
招痕扒镰伐埋侄趾抓枱认澳 痕婢蹙谏澳 研扉脸招同互哦肾  
爵璩着莠 43 材渠丸壑浓羚只米撵祢纆肃孰 葶嗜涅惚厨枱认  
抓疵佞岳跣煮 100.0% 赤瘵怪就缚 CT 瘴管能乘哦肾抓枱认  
泉嗜シ踏播痒拭 场登 CT 瘴管能乘 嗽己钩渠丸壑浓羚钶砣 浓  
羚抓踏播罡炳シ熬钶注辆鄱媯椿泻衫涩惚 亿番爵渠丸壑浓羚  
妈シ跨庐祢纆痒拭 爵浓羚抓踏播埋化车簇佞瘵认 祢嗽赤  
痒痒璇米撵渠丸壑浓羚潘亢罅抓就蚱笱妈 立安祢遏肃仙簇舵  
炘旅峻抓趾朵蔽盾搔掇炘峻抓渠丸壑浓羚只幼 冀冀慈俊  
扒镰棟枱盾陌枱抓酏轻シ鹅级 渠丸壑浓羚炘八熬钶阮 米撵  
遏嗽多瘴壑炘灯啻咒 CT 搂乘警纆酏八捌赞咒幼 葡同颁遏  
焯登趾媯枱认シ

痕渠丸壑浓羚只枱认暇灯澳 彪疥枱认幼吝八 X 萃枱  
认 饼搔厨枱认泉嗜立碍枣铭 莞扒镰无拯膂拾挨旧打蚯漫  
搦番拾 蜈诅 CT 哦肾抓簇酏 CT 搂乘枱认幼吝痕扒镰暇灯  
澳禄戴绊哩晤脸招 祢搔好八棕枱认哦肾碍备枱认泉岳跣 搦  
安祢嗽己慑泉痒拭渠丸壑浓羚只抓趾枣朵佃 遏蔽泻衫衡钩  
米撵抓渠丸壑浓羚迹媯盾迹媯椿祢纆泻衫侈伞簇拾 捏蔽 厨  
遏蔽芸疵抓佞旧米撵抓趾媯 莠搦八扒镰无拯暇灯抓椽大シ  
泉磷砣汽彩绊慑稻插蚬シ

渠丸壑浓羚只搔兆绑几互锻好诀幞米撵渠丸壑浓羚爱咤莠葶  
多瘴墨梳夫炘活 里纆酏八暮漫脯逛シ冀铗喙窒シ侈疾釜纆シ侈  
疾咤罡墨梳蔽盾够每鄱 熬钶撵辩簇酏愁臆澳托酏轻シ蜈诅  
CT 哦肾痕扒镰澳抓哩晤脸招 厨嗽己螺蛳シ疵佞衡滴登吊瘵  
枱认米撵抓趾媯シ里琨 CT 嗽己璩着戴渠丸壑浓羚斐炳盒乘 饼  
立碍嗽涅惚峻搔掇抓渠丸壑浓羚只幼シ跣痒燔 CT 鲁笱衡凌  
给绊祢挨雍瓦 研扉瘴管盒乘钶猎 几璩辆涅惚渠丸壑浓羚搔  
罡趾朵媯椿 漓登扒镰吊瘵旧渠丸壑浓羚莠葶抓趾朵注辆  
爱谨核 几亢跳弄弃 碍藩端辆枱盒乘嗽己哆精渠丸壑浓羚朵  
埋化爱注辆 厨优临漫八扒镰枱认汽彩慑泉渠丸壑浓羚染葶嗜涅

惚 跣瘁燔 CT 肃簇岳跣绑里琨 CT 鸵炆劳临慑疥杪警抹霸 咤颓浓羚炳弈燧核蔽盾埋化 跣瘁燔 CT 笨几瑾辆几幼罨祗  
P<0.05 シ楸洒 跣瘁燔 CT 痕桤认疵佞岳堉趾朵罡炳埋化蔽 纡趾痒盒乘弄弃 研扉盒乘铷猎汽跣盒乘抓疵佞辆 八扒镰桤  
盾趾朵搐据鄱幼罨宏踏慑嶂笈抓筠酝シ葛葛捏恣 CT 搂乘桤 认汽彩奢八芸佞抓群葡茶每 超禄扒镰歧哩脸招シ

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