

# 赴麾壑凿夯浓羚肾听阔麾口弈壑肾无拯蝟无漫瘁午漫澳忒尧米揀抓泉嗜瘁拭

Analysis of the effect of Eustachian tube balloon dilation combined with tympanic membrane tube placement in the treatment of patients with refractory secretory otitis media

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予峭 璉ッ浊抓湖泉赴麾壑凿夯浓羚肾 BET 听阔麾口弈壑肾 TBI 无拯蝟无漫瘁午漫澳忒尧米揀抓镰拯泉シ幼坞恢绑优旧阮疋 2020 痢4 射-2022 痢5 射 盾何旧仅核播 婢蛭忒麟沟浏 申埭蝟无漫瘁午漫澳忒尧米揀40材60忒 钩厨菜葡 蜈生群荆绉坞瘁能赦莢 爵毅莢20材30忒 鼎莛纒麾口弈壑肾 无拯莢20材30忒 纒赴麾壑凿夯浓羚肾听阔麾 口弈壑肾 爵舵赦莢赴麾壑盗啾蜚佗7笱督桎瘁 ETDQ-7 赴麾壑盗啾桎瘁 ETS 桎瘁シ苎嗜无拯莢肾番1ザザザ 9ザ2 傲射阮抓 ETDQ-7 桎瘁宏炆爵毅莢病 P<0.05 シ无拯莢肾番1ザザザ2 傲射阮抓 ETS 桎瘁滋鸵爵毅莢 宏吵 跣 P<0.05 シ苎梳镊爵蝟无漫瘁午漫澳忒尧米揀 纒 BET 听阔 TBI 无拯 啾去共赴麾壑盗啾蜚佗 汽跣赴麾壑盗啾 脸招必超谛簇シ

**Abstract** Objective To investigate the clinical effect of balloon eustachian tube dilatation (BET) combined with tympanic tube insertion (TBI) in the treatment of refractory secretory otitis media. Methods Based on a specific time (April 2020–May 2022) and a fixed range (Otolaryngology Department of our hospital), 40 patients (60 ears) with refractory secretory otitis media were selected, and they were divided into two groups according to the random number table method. Two groups, 20 patients (30 ears) in the control group were treated with tympanic membrane tube placement alone, and 20 patients (30 ears) in the treatment group were treated with Eustachian tube balloon dilatation combined with tympanic membrane tube placement. The 7 items of Eustachian tube dysfunction were compared between the two groups. Questionnaire score (ETDQ-7), Eustachian tube function score (ETS) score. Results The ETDQ-7 scores of the treatment group at 1, 3, 6, 9, and 12 months after operation were lower than those of the control group (P<0.05). The ETS scores of the treatment group at 1, 3, 6, 9, and 12 months after operation were higher than those of the control group (P<0.05). Conclusion For patients with refractory secretory otitis media, BET combined with TBI therapy can improve Eustachian tube dysfunction and improve Eustachian tube function, with outstanding application value.

予初瘵柏ッ蝟无漫瘁午漫澳忒尧 赴麾壑凿夯浓羚肾 麾口弈壑肾

**Key words** refractory secretory otitis media; eustachian tube balloon dilation; tympanic membrane tube placement

## 0 菱璧

瘁午漫澳忒尧 otitismediawitheffusion OME 搔蔽彪诀漫 吠盾麾疽讷销八疤璉优庐抓澳忒蠹佃嗒漫侄趾シ冀罍瘁 OME 米揀筱讷示恢永无拯泥涅肾无拯 麾口弈壑 番泉嗜嶂筇 饼罍瘁米揀把无碍膜シ罍瘁米揀趾晚戾烈碍膜 筱扉哆疾群跳 3 跳泥 3 跳蔽藹 弈壑 本哆疾多铂 趾哇绕 2 痢 扒镰藹诘罢八 八 蝟无漫瘁午漫澳忒尧 refractoryotitismediawitheffusion ROME シ厨多趾锻好几八藹冯飞矜墨梳捏幞 饱遏兆寂筇罍 唛 兕 颞 拯 番 宝 瘴 浊 旦 视 八 赴 麾 壑 盗 啾 蜚 佗 eustachiantubedysfunction ETD 携忒扛罍墨梳 埭妈哆脸蔽 盾盾谧哆下鄱好苡八厨疤璉趾好[3 4] 饼 ETD 搔 ROME 疤璉 趾好シ能卑 OME 多趾岳八 0.55%~1%[7]シ无拯蝟无漫瘁午漫 澳忒尧 研里悫俊永无拯ザ麾口弈壑 tympanictubeinsertion TBI 鄱 澳祠娠拯泉立碍倭粹シ

## 1 暄扰爱幼坞

### 1.1 扒镰喧扰

痕 2020 痢4 射-2022 痢5 射疋 爵婢蛭麟无抓蝟无漫瘁 午漫澳忒尧米揀 臭抄40材60忒 钩厨瘁能赦莢 蜈生群 荆绉坞 痕爵毅莢20材30忒 澳 折漫11材 嫁9材 撮峻 痢黥8 息 撮冀65 息 俐宏 43.78±3.87 息 撮孛趾哇2痢 撮 襪5痢 俐宏 2.64±0.71 痢シ无拯莢20材30忒 澳 折 携鸵 超八12:8 痢黥9~64 43.73±3.84 息 趾哇2~5 2.59±0.68 痢シ敖莢藹恋群葡筱甚阔鸵爵 笨澳立沈多酝涩沱劳临 P> 0.05 シ苎桐树疵 1 趾恩≥2痢 2 痢黥≥8 息 3 罹筱扒 镰肃孰佞桎八瘁午漫澳忒尧 安纒麾口弈壑肾≥3跳 4 筱 忒播窳肃孰桎就麾口轻费酝八替苎嶝泥揀妮鬻嶝 安麾口播 蛟 啾己琥着戴销俐泥丸务シ七蚰树疵 1 阔立悫曼漫尧只ザ 藹冯飞矜墨梳 2 兢痕熬锄啾啤 携纒盗啾蜚佗 碍憩阔纒涅 肾无拯 3 簞播灯壑壑兢痕豹缚盾澳忒振笱 赴麾壑振笱 鄱 4 斥季漫港噉缚 5 爵涅肾碍擦躲 6 寂筇罍唛兕シ

### 1.2 幼坞

无拯莢纒 BET 听阔 TBI 无拯 愁罍米揀罹痕愁髂矮就仍 涅肾 钹招念菅吝磷墮愍钩墮赴罍裳螭簇拾 筱蠹涅肾残麟



哆下シ好盗嗽漫磷颞蝓佗t生溯漫屹活蝓佗搦菱椅 ETD 阮 遏  
楫多澳忒趾朵シ好同 钧 ETD 璇春瀑 靶搔爵同趾祗纭无拯抓  
初痲捏痕シ如痕葛傲按莒 80 痢碧达娠 悞警兼藏钹招苕菅播  
□管(禽悞浓矜夯) 爵赴麾壑壑嘌t赴麾壑赴堕祗纭绊浓矜>鹤  
悞警兼痕堪播葛钹招 BET 摄琰苕嗜怪就厨遏纭漫 立安祚核  
菰 8 材哆疾多铂抓痒午漫澳忒尧米兼 磷磕 BET 安钹招赴麾  
壑盗嗽桎痒跨祗纭蜈栎 禄窠米兼赴麾壑碍嶂只幼禄戴筭颞  
盗嗽矾锌玫疾シ鹅悞贻谏[15]钧 BET 爱 TBI 滋听阙拾无拯暮  
漫痒午漫澳忒尧 苕嗜禄窠 ETDQ-7 桎痒禄戴涩沱蚘病シ笨  
婢染遏窠 爱爵毅莢滋鸵 无拯莢肾番 1t t t t 2 傲射抓

ETDQ-7 桎痒奢病 搦 ETS 桎痒奢跳シ跨洒 BET 听阙 TBI 痕  
去共米兼赴麾壑只幼盾盗嗽葛 悞诅谛簇泉嗜 谏厨锻好 遏  
嗽爱榜兼盯铂蚌给漫榴悞初シ

#### 4 苕楠

菴葛 钧 BET 听阙 TBI 脸招绑蝓无漫痒午漫澳忒尧米兼  
无拯 碍备嗽去共厨赴麾壑盗嗽蝓佗婉椿 搦安祚嗽汽跳赴麾  
壑盗嗽 超禄扒镰脸招シ

#### 顿摠染援

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