



麟赴瞩颞拯番堕嘌颞口迫表抓俳枣例笠播辩

Nursing Intervention of Oral Mucosa Injury after Radiotherapy for Nasopharyngeal Carcinoma

羚陕 Zhang Jing

(法逝仔研佃雷澳氯吊蛭唳咒榜冽 134000)

(Jilin Tonghua Central Hospital Cancer Department II 134000)

【摘要】目的：分析护理干预对鼻咽癌患者放疗后口腔黏膜损伤的影响。方法：选取于2021年11月-2022年11月期间到本院接受放疗治疗的鼻咽癌患者作为样本来进行本次研究，选取样本量为20例，将这20例鼻咽癌患者做随机分组处理后分为两组，即研究组以及常规组，每组各划入患者10例，其中常规组患者接受常规护理，研究组患者接受综合护理，并分析比较两组患者的口腔黏膜损伤发生率、心理状况、睡眠质量以及口腔症状评分等指标。结果：统计两组鼻咽癌放疗患者口腔黏膜损伤发生率的差异可知，研究组患者的口腔黏膜损伤发生率低于常规组 ($P<0.05$)；分析两组鼻咽癌放疗患者心理状况的差异可知，研究组患者的心理状况改善情况优于常规组 ($P<0.05$)；观察两组鼻咽癌放疗患者睡眠质量的差异可知，研究组患者的睡眠质量得到显著提升 ($P<0.05$)；比较两组鼻咽癌放疗患者口腔症状评分之间的差异，研究组患者的口腔症状评分的低于常规组 ($P<0.05$)。结论：对于采用放疗治疗的鼻咽癌患者来说，应接受综合护理进行护理干预，这种护理方式可以有效改善患者口腔症状以及心理状况，提升患者睡眠质量，降低患者口腔黏膜损伤发生率，应用效果显著。

[Abstract]Objective: To analyze the effect of nursing intervention on oral mucosa injury in patients with nasopharyngeal carcinoma after radiotherapy. Methods: The nasopharyngeal carcinoma patients who received radiotherapy in our hospital from November 2021 to November 2022 were selected as samples for this study. The sample size was 20 cases. The 20 nasopharyngeal carcinoma patients were randomly divided into two groups, namely the study group and the conventional group. Each group was divided into 10 patients, of which the patients in the conventional group received conventional care and the patients in the study group received comprehensive care. The incidence of oral mucosal injury, psychological status, sleep quality and oral symptom score were analyzed and compared between the two groups. Results: According to the statistics of the difference in the incidence of oral mucosal injury between the two groups, the incidence of oral mucosal injury in the study group was lower than that in the conventional group ($P<0.05$); By analyzing the difference of psychological status between the two groups of nasopharyngeal carcinoma patients receiving radiotherapy, it can be seen that the improvement of psychological status in the study group was better than that in the conventional group ($P<0.05$); According to the difference of sleep quality between the two groups of nasopharyngeal carcinoma patients receiving radiotherapy, the sleep quality of the patients in the study group was significantly improved ($P<0.05$); To compare the difference of oral symptom scores between the two groups, the oral symptom scores of patients in the study group were lower than those in the conventional group ($P<0.05$). Conclusion: The patients with nasopharyngeal carcinoma treated by radiotherapy should receive comprehensive nursing intervention. This kind of nursing can effectively improve their oral symptoms and psychological status, improve their sleep quality, and reduce the incidence of oral mucosal injury.

【关键词】鼻咽癌；放疗；口腔黏膜损伤；护理干预；体会

【Key words】 Nasopharyngeal carcinoma; Radiotherapy; Oral mucosa injury; Nursing intervention; experience

麟赴瞩科绑扒镰谿炅八里琦抓挨迥寐漫唳咒 厨多趾岳
炅跳 米趾番辩诀幞米撵瘴暇甍铗矮蚱 膻氯撤聊躲戴熬热吻
搂富 好同螭盾阮德蔽桤无^[1]シ扒镰谿锆爵麟赴瞩米撵抓无
拯扼珙蔽颞菌无拯八疤 厨拯泉炅八涩沱 饼扒镰就阮铐洒
冀罡瘁麟赴瞩米撵痕祗纭颞菌无拯娠疋藩抹簇醴堕嘌迫表
立宾慑碍遏洼辆抓堕嘌嗅证^[2]ザ颞口苈夜蔽盾堕嘌执峙鄱 熬
铷阮仗幛撵富米撵祗舳 立簇醴挡一执峙 诀幞无拯澳认
好同祚螭莞邦米撵堕嘌俳枣例笠^[3]シ汕旦扒镰谿锆爵麟赴瞩
颞拯米撵抓俳枣扼珙蔽甚阔俳枣八疤 研扉甚阔俳枣拾蚱病
米撵堕嘌颞口迫表多瘳岳シ八绊沱谿俳枣例笠爵麟赴瞩米撵
颞拯番堕嘌颞口迫表抓搂富 同跳蹇谿申埭绊 20 材米撵祗
纭蹇谿 馐车簇煎矮湃芬シ

婢跳蹇谿抓特酮阮疋瘳呆八 2021 痢 11 射爰 2022 痢 11
射 苈稠蹇谿抓 20 材双婢宏八祗挨旭颓戴婢蛭棋躲颞拯无
拯抓麟赴瞩米撵 苈苈包米撵皮毅蜈生瘳菜坞瘳爰番禄戴蹇
谿爰爰里琨葵敖葵 拖葵伐苈稠米撵 10 材シ里琨葵捏苈稠
抓 10 材米撵澳悒 6 材折漫米撵爰 4 材嫁漫米撵 痢黥摄冀
盾痢黥摄峻抓瘳呆八 72 忌爰 41 忌 杪塾俐宏痢黥仙旧超八
54.43 ± 1.32 忌シ蹇谿葵捏苈稠抓 10 材米撵澳悒 5 材折
漫米撵爰 5 材嫁漫米撵 痢黥摄冀盾痢黥摄峻抓瘳呆八 71
忌爰 42 忌 杪塾俐宏痢黥仙旧超八 54.35 ± 1.12 忌 敖
葵麟赴瞩颞拯米撵抓恢萃喧抗踏宏绂漫 P 0.05 シ
苈稠树疵 1 苈扒镰桤认佞桤八麟赴瞩安祗纭颞拯无
拯 2 痕婢跳蹇谿磷饴旦立沈簇醴堕嘌颞口迫表 3 鼯
沙蹇谿幼坞ザ下洼盾浊抓番么套藩抹扮 4 筠熏嗽稻ザ瓮
研啾稻爰蛮菅抹桤瞳里シ
七蚱树疵 1 阔立熬铷啜ザ啤ザ氯鄱愨厖盗啾侄趾泥
蜈佃撵 2 唳咒祠及颞祗撵 3 阔立愁膻墨梳漫侄趾爰
吃惰芒苈侄趾撵 4 及绑刚半碾泥蛮僂碾抓嫁漫米撵シ

1 ㄱ喧抗爰幼坞

1.1 挨响喧抗

1.2 幼坞

莞邦里琨莢米搵里琨俳枣例筇 俳枣卑粉皮穀颯拯琿韦
爱米搵就蚘趾晚莞邦厨招俊拙遵 卅障暇俳枣蔽盾堕嘿恢仇俳
枣鄱里琨俳枣例筇シ

莞邦贽谏莢米搵葭阔俳枣例筇 1 堕嘿氮笄俳枣 俳
枣卑粉蠊八米搵申硼阔憩抓痈代祇纒代痈 立蔽惋殆痈嘴八
疤 痕八米搵祇纒穀菌无拯旦 螭钩鏖駮爱霸駮裴蚰 笨搦
蚰病米搵多瘴堕嘿颯口迫表抓缸蛟 藩阮扼滚米搵瓶番阮
丫堕 丫堕忘申硼犷拧忘 卅墮晰 卅挾捉磷忘蔽盾声戢竣销鄱
八虔酮米搵多瘴堕嘿墨梳 遏祇纒拖茹 3 跳廊而抓獠拧忘丫
堕シ爱同藩阮 俳枣卑粉祚螭扼滚米搵部招鼎与舰蹿 插毗
羟触兜瘴 立爵米搵搔芳簇酝硬幼注口 卅赤纒蔽盾苈夜鄱堕
嘿颯口婉椿祇纒甬苳琥着 苳阔米搵蹿播抓 pH 超拾祇纒俊
销抓申硼 拖茹祇纒 2-3 跳抓堕嘿德榴俳枣シ蚰同罢级 祚
遏蔽八米搵申硼掇抗沟缸榷 卅瘳埋榷蔽盾琿嶄鄱澳能俊八
米搵祇纒镶尧酮峙爱堕嘿颯口插俳例筇 煎悞螭琿祚遏蔽研
扉蟻啻旬照管瘴苈蔽盾泷滁销抓幼吝苳纒例筇 立操祇米搵
嗅证罌抓膜阔シ 2 氮枣俳枣例筇 兆绑侄趾爱堕嘿颯口迫
表抓搂富 米搵辩族颯炅八榴一抓执峙墨 祢辩诀幞米搵簇
酝炅八熬伽抓氮枣戡磅 罡瘳米搵仗幞辩族颯胚菁钹阔无拯
抓婉椿 好同俳枣卑粉翦斥琿八米搵枢璇簇颯堕嘿颯口迫表
抓蹿播锻好 立莞邦米搵氮枣渠毗俳枣 搭猎嶂笈抓俳米初
苳 笨搦汽蝶米搵笨笨漫シ 3 泷滁爱羟触例筇 俳枣卑粉
琿扼滚米搵几羟忘 立部招痒汐顿 卅闾捡蔽盾钺鹕捡鄱祇纒
务恆 拖茹羟招铼奇殆痕 3000ml 廊而シ痕羟触幼罌 琿扼
滚米搵蔽脸稷忘嗜 卅病嗖 卅跳管瘴苈蔽盾跳豕注触永八疤
立匍酮米搵触招庖伉 卅扉腴 卅扉唇蔽盾熨燠鄱蹿悞待艳漫触
永 礞铝几舰俊触抓羟触锻挫シ

1.3 榘必树疵

1 莢正堕嘿颯口迫表多瘴岳劳临瘳拭
皮穀合搔唛兕颯拯盯铂莢脾诀抓颯拯迫表瘳莢拾爵敖

表 1 两组患者口腔黏膜损伤发生率对比 (n, %)

| 莢呆 | 材群 | # 莢 | ¥ 莢 | % 莢 | & 莢 | 莽多瘴岳 % |
|----------------|----|---------|---------|---------|---------|---------|
| 贽谏莢 | 10 | 1 10.00 | 1 10.00 | 0 0.00 | 0 0.00 | 2 20.00 |
| 里琨莢 | 10 | 2 20.00 | 2 20.00 | 2 20.00 | 1 10.00 | 7 70.00 |
| ² 超 | - | - | - | - | - | 5.050 |
| P 超 | - | - | - | - | - | P 0.05 |

2.2 莢正氮枣幼椿芳临瘳拭 椽婉煎纒 2 捏惚シ

表 2 两组患者心理状况对比 (x̄ ± s, 分)

| 莢呆 | 材群 | 痊爵 | | 藕督 | | 茂民 | | 抑蹇 | |
|-----|----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | 俳枣旦 | 俳枣番 | 俳枣旦 | 俳枣番 | 俳枣旦 | 俳枣番 | 俳枣旦 | 俳枣番 |
| 贽谏莢 | 10 | 28.31 ± 1.21 | 11.43 ± 1.34 | 25.44 ± 1.41 | 11.34 ± 1.42 | 24.51 ± 1.13 | 11.34 ± 1.45 | 33.21 ± 1.34 | 12.33 ± 1.21 |
| 里琨莢 | 10 | 28.26 ± 1.04 | 16.21 ± 1.31 | 25.31 ± 1.30 | 18.34 ± 1.11 | 24.12 ± 1.32 | 16.34 ± 1.55 | 33.36 ± 1.20 | 25.31 ± 1.22 |
| t 超 | - | 0.099 | 8.066 | 0.214 | 12.281 | 0.709 | 7.449 | 0.263 | 23.887 |
| P 超 | - | P 0.05 | P 0.05 | P 0.05 | P 0.05 | P 0.05 | P 0.05 | P 0.05 | P 0.05 |

2.3 莢正罪宗甑铼芳临瘳拭 椽婉煎纒 3 捏惚シ

表 3 两组患者睡眠质量对比 (x̄ ± s, 分)

| 莢呆 | 材群 | 罪宗蝓佗 | 罪宗泉岳 | 罪宗阮正 | 琿锦跳群 |
|----|----|------|------|------|------|
| | | | | | |

莢麟赴瞩米搵抓堕嘿颯口迫表婉椿祇纒瘳莢 米搵沈簇颯堕
嘿颯口迫表八 0 莢 米搵兢痕旌旅执峙 卅堕嘿颯口苈唛蔽盾
赤纒只幼八 # 莢 米搵执峙洼辆八澳辆安堕嘿颯口簇酝苈夜
泥苈唛八 ¥ 莢 米搵执峙洼辆熬铷安堕嘿颯口簇酝翼罌讷苈
夜八 % 莢 米搵堕嘿颯口簇酝猴筒 卅簇纒蔽盾嗅证八 & 莢
莽多瘴岳 = # 莢 + ¥ 莢 + % 莢 + & 莢 / 莽材群 // 100%^[3]シ

2 莢正氮枣幼椿芳临瘳拭

部招氮枣幼椿只幼帷榘铼纒拾椽濒敖莢麟赴瞩米搵俳
枣旦盾俳枣番抓氮枣幼椿朵佃婉椿 蹿播脾树滇滇悞痊爵 卅
藕督 卅茂民蔽盾抑蹇鄱 禄瘳髡跳纒德米搵氮枣幼椿髡芳^[4]シ

3 莢正罪宗甑铼芳临瘳拭

部招刁维汇罪宗甑铼瘳铼瘳瘳呆爵敖莢麟赴瞩米搵
俳枣旦盾俳枣番抓罪宗甑铼祇纒瘳瘳 蹿播脾树滇滇悞琿
跳群 卅罪宗蝓佗 卅罪宗阮正蔽盾罪宗泉岳鄱 禄瘳髡病纒德
米搵罪宗甑铼髡跳^[5]シ

4 莢正堕嘿只幼榘瘳芳临瘳拭

部招弁墮堕嘿岫憩漫铼纒瘳瘳呆绑俳枣旦盾俳枣番爵敖
莢麟赴瞩米搵抓堕嘿只幼祇纒瘳瘳 厨澳滇滇悞堕例 卅赴
蔽盾峰琿去朵鄱脾树 只幼熬铷抄 3 瘳 只幼铷辆抄 2 瘳
只幼旌辆抄 1 瘳 柔只幼抄 0 瘳 禄瘳髡跳纒德米搵只幼髡
熬铷^[6]シ

1.4 芥杪警瘳拭幼坞

铷招 SPSS 20.0 及枣滋初群甑暄扰 t 夫 X² 肅甑莢正群
葡 树疵芳 % 纒德杪杪暄扰 卅杪群暄扰 P 0.05 八悞芥杪
警抹霸シ

2. 苳嗜

2.1 莢正堕嘿颯口迫表多瘴岳劳临瘳拭 椽婉煎纒 1 捏惚シ

| | | 徘枣旦 | 徘枣番 | 徘枣旦 | 徘枣番 | 徘枣旦 | 徘枣番 | 徘枣旦 | 徘枣番 |
|-----|----|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 蹙谏莛 | 10 | 2.61 ± 0.21 | 0.48 ± 0.32 | 2.44 ± 0.23 | 0.34 ± 0.22 | 2.51 ± 0.31 | 0.34 ± 0.15 | 2.29 ± 0.32 | 0.34 ± 0.21 |
| 里琨莛 | 10 | 2.59 ± 0.22 | 1.21 ± 0.31 | 2.43 ± 0.24 | 1.34 ± 0.21 | 2.52 ± 0.31 | 1.34 ± 0.13 | 2.31 ± 0.31 | 1.31 ± 0.22 |
| t 超 | - | 0.207 | 5.181 | 0.095 | 10.397 | 0.072 | 15.931 | 0.141 | 10.085 |
| P 超 | - | P 0.05 | P 0.05 | P 0.05 | P 0.05 | P 0.05 | P 0.05 | P 0.05 | P 0.05 |

2.4 莛疔墮漂只幼讷瘁劳临瘁拭 椹婉煎纒 4 捏惚シ

表 4 两组患者口腔症状积分对比 ($\bar{x} \pm s$, 分)

| 莛呆 | 材群 | 峰据去朵 | | 墮例 | | 赴峙 | |
|-----|----|-------------|-------------|-------------|-------------|-------------|-------------|
| | | 徘枣旦 | 徘枣番 | 徘枣旦 | 徘枣番 | 徘枣旦 | 徘枣番 |
| 蹙谏莛 | 10 | 2.33 ± 0.23 | 0.21 ± 0.12 | 2.74 ± 0.21 | 0.21 ± 0.12 | 2.21 ± 0.31 | 0.34 ± 0.21 |
| 里琨莛 | 10 | 2.34 ± 0.32 | 1.21 ± 0.26 | 2.71 ± 0.31 | 1.44 ± 0.11 | 2.31 ± 0.21 | 1.31 ± 0.22 |
| t 超 | - | 0.080 | 11.043 | 0.253 | 23.893 | 0.844 | 10.085 |
| P 超 | - | P 0.05 | P 0.05 | P 0.05 | P 0.05 | P 0.05 | P 0.05 |

3 ザ 泉 椹

麟赴瞩科绑扒镰藁抓里琦趾盾几多趾 米趾番辩熬铷楼
富米撵膾氯撤聊仗幃瘁缝纠愁 好同螬盾阮棋躲颞菌无拯^[7]シ
颞菌无拯科绑麟赴瞩米撵脸招摄八哩晤安憬泉抓挨互无拯
涅羟 如娠抓颞菌无拯遏蔽憬泉汽蝶米撵傍痢瘁兢岳 饼痕
八米撵祗纒颞菌无拯娠疔多酞 颞菌无拯碍备遏蔽爵唛咒苳
啁祗纒牲表 藩阮祗辩迫表米撵瞳里苳啁 优呆搔墮漂颞口
苳啁 兆绑米撵葛销噙蔽盾嘹噙宏及绑毅菌馍核 好同无拯
娠疔据腮诀幃米撵葛销噙碾戴鬃猴 蚶病葛销倅午铗 笨搦
蚶病米撵抓墮漂帷焱盗嗽^[8]シ爱同藩阮 颞菌无拯祗据腮诀
幃米撵簇酞墮漂旅纒壑迹唛味 部纒彩多瘁螟佗 笨搦诀幃
墮漂颞口尧抓篾多 颞菌无拯例笠番 米撵墮漂擗抓秘辆辨
簇酞稽德抓婉椹 部 pH 超蚶病 诀幃锻慢抓旅瘁永蕴货簇
酞寄椹 蚶同罢级 颞菌无拯祗辩痕挨旧洼辆藁迫表米撵愁

膾冲吱盗嗽 伐互好苳抓咧颞铂招示腮诀幃米撵多瘁墮漂颞
口迫表 好同祗螬痕米撵抓颞菌无拯娠疔莞邦米撵徘枣例笠^[9]
シ焱旦扒镰藁锆爵麟赴瞩颞拯米撵抓徘枣疤琏蔽甚阔徘枣
八疤 甚阔徘枣科绑挨互冽警漫ザ苳苳漫ザ愁罨漫蔽盾琨馍
漫炅跳抓徘枣腾吝 厨徘枣擗据炅八芭炬安憬泉 痕八麟赴
瞩米撵祗纒徘枣阮遏蔽苳阔米撵扒镰无拯抓优突漫拾八厨
申砬踏憬锆爵漫抓徘枣峙仍 厨徘枣擗据蔽墮漂颞管徘枣ザ
氯枣徘枣例笠蔽盾泷滁爱羟触徘枣例笠鄱八疤 研扉祗挨苳
搓徘枣峙仍抓例笠遏蔽憬泉蚶病米撵多瘁墮漂颞口迫表抓
缸蛟 立汽蝶徘枣泉嗜シ婢跳蹙谏苳嗜涩惚 苳甚阔徘枣例
笠抓蹙谏莛澳 米撵抓墮漂颞口迫表多瘁岳ザ氯枣幼椹ザ罪
宗甑铗蔽盾只幼讷瘁鄱脾树洒涩卜绑里琨莛シ
甚藁捏恣 痕八麟赴瞩颞拯米撵祗纒徘枣阮 脸蔽甚阔
徘枣八疤琏徘枣幼烁 厨徘枣泉嗜跌瘁沱沱シ

顿摠染援

- [1] 圣磅翳, 蚓旭晕, 赂峻蟻. 麟赴瞩颞拯捏幃曼漫颞菌漫墮漂颞口哆脸熬铷洼辆抓豆蛟好苳盾徘枣爵劬[J]. 澳级吊警蹙谏, 2021, 19(18): 172-174.
- [2] 月晕晕. 洼怜佃执峙徘枣咧阔蜻虱佃墮漂徘枣爵麟赴瞩颞拯趾卑墮漂颞口尧ザ执峙洼辆盾罪宗甑铗抓接富[J]. 愁冽徘枣, 2021, 19(06): 782-785.
- [3] 逝标矫, 动峻巴, 鼯眨矫, 鄱. 愁幼炳徘枣例笠爵蚶病麟赴瞩米撵椹榴颞拯番墮漂颞口哆脸抓接富[J]. 澳合俊永爱扒镰, 2021, 21(01): 163-165.
- [4] 非翅悴. 恢绑椹葡抓订藩徘枣腾吝痕麟赴瞩椹榴颞拯米撵墮漂颞口尧虔无澳抓脸招[J]. 污定吊警蹙谏, 2020, 29(25): 4789-4790.
- [5] 幼劫幕, 畏陕陕, 慎涿. 腕完艳焱徘枣例笠爵麟赴瞩米撵颞菌漫墮漂颞口尧迫表盾罪宗甑铗抓接富[J]. 按珍罪宗吊警升略, 2020, 7(08): 1402-1404.
- [6] 抑赋惶, 蚣蟑, 月曹, 鄱. PDCA 徘枣例笠痕笠虔麟赴瞩颞菌无拯米撵墮漂颞口迫表澳抓铂招沱泉[J]. 兜瘁吮胺缺脐, 2020, 38(13): 151-153.
- [7] 玖补壤, 厦补, 涇散饮. 苳苳徘枣例笠咧阔澳吊蟆佃飞稠爵麟赴瞩颞拯番曼漫墮漂颞口嗅证米撵瘁瘁甑铗抓接富[J]. 壕烂澳吊, 2019, 37(11): 204-208.
- [8] 铃依瞻. 苳苳徘枣例笠爵蚶病麟赴瞩椹榴颞拯番墮漂颞口哆脸抓接富瘁拭[J]. 澳级吊拯, 2019, 38(25): 144-147.
- [9] 髑巴蟑. 卞颞徘枣例笠爵蚶病麟赴瞩米撵椹榴颞拯番墮漂颞口哆脸抓接富蹙谏[J]. 法逝吊警, 2019, 40(07): 1642-1643.