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种植修复、康复新液治疗伴牙周炎牙列缺损

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摘　要：目的：復傒ᠪ⁻峮嫀啡そ侜屾μℓ丹侜吣回噤夔◇堔log垠她堔尢尔卞她夔叼⇑ 方法：娀媲傚恥┳ 勃掂 2020 兡 10 咔~2021 兡 10 咔叵噤她 80 ⎫堔log垠◇咕堔尢尔卞她毧尉罄沙搵刜乙哑┓ 憇毧尉她悚吗罄兢啾卤噤夔吤巨她┓ kℓ乙┳ ┣宦僈冗娀媲罄┆ 宦┳ 傚埡宦罄ナ卻ᠪ⁻┓ ㈱宕她ᠪ⁻峮嫀啡そ侜噤夔罄ᠵ⁻ᠣ┆ 宦┳ 娀媲宦罄ナ卻ᠪ⁻┓ ᠪ⁻峮嫀啡そ侜屾μℓ丹侜吣回噤夔罄傚┣ 宦她噤夔叼哖僈冗嗺慆⇑ 结果：噤夔ㄟ罄┣ 宦她文噓回垠刜ᠵ⁻关匚唅暨TNF-Ⅳ ⇐IL-8⇐IL-6暩嗺慆┓ 罄吳吳呜儻写罄P暾0.05罄噤夔nm┣ 宦伉文噓回垠刜ᠵ⁻关匚唅嗺慆┓ 罄娀媲宦她忯乙呜帡♫⅃ 傚埡宦罄P瞥0.05暻┣ 宦伉GI⇐BI⇐堔ㄖ峎嗺慆┓ 罄噤夔ㄟ吳吳呜儻写罄P暾0.05罄扁噤夔nm娀媲宦她 GI⇐BI ㄖ峎忯乙徥♫⅃ 傚埡宦罄扁堔ㄖ峎☞⅃ 傚埡宦罄P瞥0.05⇑ 结论：堔log垠◇堔尢尔卞毧尉噤夔呀罄伉ᠪ⁻峮嫀啡そ侜她佢娘┓ 屾壨丹侜吣回罄ナ噤夔叼哖哈┳ 呜帡罄nA号亂毧尉她文噓回垠刜ᠵ⁻关罄志ナ堔ㄖ峎掫┻ 厖(ㄷ)罄へ澤慱壨⇑

关键词：ᠪ⁻峮嫀啡そ侜暻丹侜吣回暻堔log垠暻堔尢尔卞暻夔叼復傒

Dental Implant Restoration Combined with Kangfuxin Fluid on Dentition Defect with Periodontitis

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Abstract: Objective: To observe the curative effect of oral implant restoration combined with Kangfuxin liquid in the treatment of dentition defect with periodontitis. Methods: The research subjects were 80 patients with periodontitis and dentition defects who were admitted to our hospital from October 2020 to October 2021. The data of the above patients were retrospectively analyzed, and they were divided into two groups according to the different treatment methods. In the study, one group was the control group, which received simple oral implant repair treatment, and the other group was the research group, which received oral implant repair combined with Kangfuxin liquid treatment, and the therapeutic effects of the two groups were compared. Results: Before treatment, there was no significant difference in the inflammatory reaction indexes (TNF-α, IL-8, IL-6) of the gingival crevicular fluid between the two groups, P>0.05. In terms of index comparison, the score of the study group was significantly lower than that of the control group, P<0.05; there was no significant difference in GI, BI and dental function between the two groups before treatment, P>0.05, while the GI and BI function of the study group after treatment. The score was lower than that of the control group, while the dental function was better than that of the control group, P<0.05. Conclusion: In the treatment of patients with periodontitis and dentition defects, the combination of Kangfuxin liquid on the basis of oral implant restoration has a more significant therapeutic effect, which can improve the inflammatory response of the gingival crevicular fluid and make the dental function upgrade, which is worthy of using.

Keywords: Oral implant repair; Kangfuxin liquid; Periodontitis; Dentition defect; Curative effect observation

傚⅃ 堔log垠慷┆ 夬夼哤忞罄┳ 六┤ 僊⅃ ᠪ⁻峮嫇她兑徨夬夼⇑ 堔log垠她ᠵ⁻壩罄┳ 徥呖伶┳ 僕懹伶學勍傝崠罄嗔呀♂志毧尉堔log史匷宦宪ㄒ墇┐ 劒刜垠失罄台毧尉夼剝一扇呀罄嗔呀♂一击堔唧撓她mV叵罄瓨宫傝崠毧尉ㄒ墇堔斀唷ㄩ 勃尉呖峽带她剝ル⁽ᵛᵢ⁾⇑ 娄ㄟ罄伉懘彐堔ㄟ乙侜噤夔呀罄┆ 崹♂扃壨ᠪ⁻峮嫀啡勴咦罄♩呖嗔婇勴咦她慱壨罄傚⅃ 堔ㄟ尔卞◇堔log垠毧尉呖kPa慘壨罄 埘偊伉┌ 忤ㄩ 帆⁽ᵛᵢ⁾⇑ ┳ ┐ 厖撣后⊡她噤夔叼哖罄nA催忾妻屾μℓ壨巡噤夔罄丹侜吣回傲呖┆ 婇湊俍她壨巡憔匪⁽ᵛᵢ⁾⇑

1 资料与方法

/,/ ┆ 崹悚吗

0.0. 兡 / . 咔|0.0/ 兡 / . 咔┳ 咤嗂娀媲她呀挽罄康┆ 咱挽掫咪憔ᠵ⁻勃掂卻叵她 6. ⎫堔log垠◇堔尢尔卞毧尉┳ 娀媲傚恥罄乙宦吤巨┳ 噤夔吤噱她┓ kℓ乙宦罄┆ 宦┳ 娀媲宦罄ナ┤ 咕 2. ⎫毧尉罄ᠵ⁻ᠣ┆ 宦┳ 傚埡宦罄ナ┤ kℓ唗咕 2. ⎫毧尉⇑ ┣ 宦剃ㄟ ⇐兡斃悚吗俏┓ 暺娀媲宦┤ 壳剃毧尉 00 ⎫ ⇐偕剃毧尉 / 6 ⎫罄兡斃羡佯伉 05 僖ㄷ 4/ 僖┻ 挽罄兟优兡斃┳ 暨17,60¤ 2,. / 暩僖罄傚埡宦┤ 壳剃毧尉 01 ⎫ ⇐偕剃毧尉 / 5 ⎫罄兡斃伉 04 僖ㄷ 40 僖┻ 挽罄兟优兡斃┳

暨2. ,. 0¤ 1,76暩囍謦粟慮嗺慆娀媲宧丁傚埡宧勢屘她兡斃⇐刜ㄨ悚吗謦澤姬宧挽儳写吳寁忏偕劂┻ 謦N暾. ,. 3謦ナ偊伉nA嗺慆她◐ へ⇑

/,0 吤噱

傚埡宧謦┺ ▼ ⁵⁻峮そ侜噤夔謦噤夔吤噱俏┓ 暺傚勢屘她⁵⁻峮愻彐兑循囆砮謦┻ nm僕懹敓戲謦伉勢屘堔唧揶懹×ど⁵⁻謦┻ nm咁揊勢屘她撓揖謦孤ン偨励偯♪ ⇐勠冞假憺謦忿忏嫀啡嫆⇑ 凡×匙堔慮nm謦徥囹嚓嫀啡嫆謦勱咦ス ン供俍她嫀啡⊡叹夕嫀啡嫆謦兢勱剛μℓ兔脩彸俍⇑ 冶嫀啡⊡搆⁵⁻丁撓寵兟敿呀謦慷呀nA寺μℓ孔撓嵙壔謦志×⁵⁻デ挶謦囹嚌勢屘她⁵⁻峮⇑

娀媲宧謦伉⁵⁻峮そ侜噤夔她佢娘┓ 謦屾壨丹侜嚓回噤夔謦二⊡吤噱俏┓ 暺勢屘嗷侨吹┓ 徥伉ㄖ堔ㄨ她 1. k ɡ ▼ ⓣMHz龠nm她 1. k ɡ ⇐姃徯ㄨ她 1. k ɡ rad/s坞丹侜吣回暨勫ン吐nF暺份巡ン偉 X3/. 0/612⇐壛、㊀傻暺仭價俍(ㄐ)壛叫健巡┣ 咕捼恨◑ 孑μF暩謦┆ 嗂壨巡 /. k j謦嗷嗂徥rad/s坞 1乙扮⇑ 噤夔呀挽┳ 嫀啡そ侜ㄨ┏ 侨謦▾ ⓣ嫀啡そ侜nm /2侨⇑

/,1 復傒匚唅ⓣ叼哖忯◐ 唅ン

復傒┣ 宧她文噓回垠剃ㄗ⁻关暺噤夔ㄨ ⇐噤夔nm优徥扃揚勢屘她文噓回謦兢啌諂 RL D+Ɲ 暨岨奚伝嗚伶偠+Ɲ 暩⇐Ɡ +6暨奶寀峊▦ 學+6暩⇐Ɡ +4暨奶寀峊▦ 學+4暩暭復傒┣ 宧她堔文ゃ丹堳儿謦ナ┤ ∞匡 E G⇐@G忯乙⇑ 復傒┣ 宧堔ㄖ崀謦∞匡怕禲⇐任♪ ⇐丁仨⇐婘復慷仭揹ピ傃謦忯乙撣謦彙婗勢屘堔ㄖ崀俍⇑

/,2 寁忏丁乙哑

吐嫕┤ 愻彐寁忏偕乙哑她愬● ┳ QNQQ/5,. 堃咤謦忏同伻匚唅儿扃ᶠᶢ〕同暨I -# 暩咾愻彐彙婗⇐慄慮 v0 她吤窅愻彐妠デ她啃摽謦千扉伻她匚唅吤揖扃ᶠᶢ优同¤ 唅ン儳她吤窅咾暨 𝑥 ¤ q暩愻彐厖憇謦俏哖 N: . ,. 3謦儿┣ 宧家哖┻ 挽二咕寁忏偕劂┻ ⇑

2 结果

0,/ 文噓回垠剃ㄗ⁻关匚唅

┣ 宧噤夔ㄨ謦伉文噓回 RL D+Ɲ ⇐Ɡ +6⇐Ɡ +4 嗺慆┓ 謦┣ 宧兢吳呉呜儳写謦N暾. ,. 3暭噤夔nm┣ 宧文噓回GHz揹忯乙嗺慆┓ 謦┣ 宧她匚唅嚶兟优♫┛ 噤夔ㄨ謦扁娀媲宧她忯乙♫┛ 傚埡宧謦N暩. ,. 3謦二⊡徨彙 /⇑

彙 / 文噓回垠剃ㄗ⁻关匚唅┣ 宧嗺慆\𝑥¤ q℡

宧ㄨ	⌋同	呀挽	RL D+Ɲ	Ɡ +6	Ɡ +4
娀媲宧	2.	噤夔ㄨ	0,15¤ . ,05	/ 4,0. ¤ 0,12	2/ ,76¤ 3,/.
		噤夔nm	/ ,13¤ . ,0.	7,/ 4¤ / ,. 0	03,5. ¤ 1,5/
傚埡	2.	噤夔ㄨ	0,11¤ . ,02	/ 4,16¤ 0,/ 1	2. ,14¤ 2,11
宧		噤夔nm	0,00¤ . ,1.	/ 3,/ 4¤ 0,/ 0	10,/ 4¤ 3,11

0,0 堔ㄖ峎忯乙丁堔文ゃ丹堳儿

噤夔┻ ㄨ謦┣ 宧她堔ㄖ峎丁堔文ゃ丹堳儿嗺慆吳呜帡儳写謦N暾. ,. 3暭噤夔nm E G⇐@G忯乙娀媲宧徥♫┛ 傚埡宧謦扁堔ㄖ峎忯乙撣┛ 傚埡宧謦N暩. ,. 3謦儳写偊伉寁忏偕劂┻ 謦二⊡徨彙 0⇑

彙 0 堔ㄖ峎忯乙丁堔文ゃ丹堳儿┣ 宧嗺慆\𝑥¤ q℡

宧ㄨ	⌋同	呀挽	堔文匚同	T彍匚同	堔ㄖ峎忯乙
娀媲宧	2.	噤夔ㄨ	0,06¤ . ,15	3,/ 6¤ . ,17	00,14¤ 1,3.
		噤夔nm	/ ,. 1¤ . ,/ 2	/ ,45¤ . ,00	15,24¤ 0,/ 0
傚埡宧	2.	噤夔ㄨ	0,1/ ¤ . ,2/	3,/ 0¤ . ,22	00,05¤ 1,03
		噤夔nm	/ ,54¤ . ,04	1,/ / ¤ . ,13	1. ,/ 4¤ 1,. /

3 讨论

堔log垠僊┛ ┆ 嫀劒剃垠失謦粟兑呖壯┛ 僕懹㊉伶屙憤励■ ⊡堔log史匱宧宪ᶠᶢ壛┐ 垠失謦兑徨她ᶠᶢ夼兡斃┳ 13僖▾ ┐ 她尳⊡ᶠᶢ⇑ 俏哖■ ◆ 她堔文垠失咢峎巵澤ⓣ呀她噤夔謦填呀垠失♂ │堔文憙嗕ᶠᶢ僈ㄖ勢屘她堔log崨↫堔撓恺⇐堔唧撓嫽♪ 尥謦▾ 嗔冽励┐ 堔log垠ᶠᶢ⇑ 扁堔ㄟ尔卞匚她呖勢屘懹乙堔斀丁墇┐ 尔侮謦▾ 嗔冽励┐ 划堔堔ㄟ┓ 偨后謦嗔嫀夬夼♂凅中ㄖ勢屘她嗓兑丁仨ㄖ峎謦ℓ呀妧惀咾┓ 呖湊婘復謦慶傃呋傚勢屘她⁵⁻搋孳寁ゃ丹憤励┓ 嵑凅中⇑ 壯┛ 勢屘尔侮堔她♪ 尥丁同扉偊伉┆ 偯她儳写謦勣▾ 傚吵兑攉囊憤励她凅中┣ 偊伉┓ kℓ⇑┳ ╗ 志勢屘堔ㄟ尔卞澤ㄖ寰徼謦勣▾ 伉噤夔掀嗯┆ 崹♂【壨⁵⁻峮嫀啡そ侜她┤噱⇑ 扁冶┓ 伉⁵⁻峮夬夼噤夔慮媝┤ 謦⁵⁻峮嫀啡そ侜噤夔勴咦勣惀ㄖ她× 壨┓ nA刂徬謦偡丁 ⍝ 寁她⁵⁻峮そ侜勴咦蒠彐嗺慆謦┓ ▌ そ侜nm勢屘她堔斀侠復妧惀咾咍—婘復謦ℓ呀勢屘┣┓ ♂剔ㄖ慮偁她┓ 慘剔謦A旻卻一傀傚勢屘懥慲堔斀她卞 ⍝謦倫ㄖ┆ 偯她任偯× 壨⇑ ┘呖嗔嫀┤噱傚┛ kℓ唗◇咕堔log垠她勢屘扁禲謦伉慘壨媝勇┓ 侚┛ 卹媲她掮嗯⇑┳ 六冶┤ 傚堔log垠◇堔ㄟ尔卞勢屘扁禲謦 ◆ 卻ᶠᶢ⁵⁻峮嫀啡そ侜呀謦♂勃偁勃傀丁墇文噓回垠失ㄗ⁻关謦│扁傚⁵⁻峮嫀啡そ侜她叼哖憤励┐ 凅中⇑ 堔log垠 │┤ (ㄐ)德異┐ 墠徼謦ナ僊┛ T 堔偷У 巉粂┤ 謦嗔呀勢屘♂庮埆┐ 垠謦嚶┓ 嚯埆謦勣▾ 伉噤夔嗔夼呀徥噻扇囹岬噩埆⇐囊彉嗒夼⇑ 丹侜吣回呖┆ 嫀┤ 励巡謦咕妻ㄴ嚶囆岨⇐囆媔嗒夼⇐囹埆徼嫠她ㄖ叼謦┓ ♩nA号亂■ ⊡凡瀆墆謦慶咕妻勲ㄇ垠剃ㄗ⁻关她叼哖謦♂—击⁵⁻峮嫀啡そ侜勢屘岊嵾宦宪她攉抄⇑

傚嗔謦伉嗔嗂娀媲冶┤ 謦志娀媲宧勢屘伉兑循⁵⁻峮そ

侜噤夔她佢娘┐ 虀屾μℓ慱壨╗ 肁侜吣回噤夔虀寀慮噤夔nm她娀媲宧匊尉文噓回 RL D+_⇐Ꮆ +4⇐Ꮆ +6 忯乙徥呜帡♫ ╝ 傚埡宧虀N瞥. ,. 3⇑ ⺈⺈侠虀┣ 宧伉 E G⇐@G⇐堔ㄖ崀嗺慆┐ 虀噤夔ㄟ吳呉呜儻写虀N暾. ,. 3虀扁噤夔nm娀媲宧她 E G⇐@Gㄖ崀忯乙徥♫╝ 傚埡宧虀扁堔ㄖ崀☞╝ 傚埡宧虀N瞥. ,. 3⇑

寬┐ 勍憇虀傚堔log垠◇咕堔ㄟ尔卞匊尉扁禲虀ナ伉卻ㄘㄣㄅ¯峮婃啡そ侜噤夔她佢娘┐ 屾μℓ慱壨肁侜吣回虀┫ ♩♂厖撣匊尉她堔ㄖ崀虀┣ ♂勲ㄹ┐ b 匊尉她文噓回垠剃ㄗ¯关虀へ澤┳ 六┐ 她即全└ 慱壨⇑

参考文献:

Y/[悔塻嚌,ㄘ¯峮婃啡そ侜屾μℓ肁侜吣回伉文噓回垠剃ㄗ¯关噤夔┤ 她关壨YH,┤ 份嘎挽夔噱*0. 0/*07&0/'&67+7/,

Y0[冧垮炡*咏儀マ,ㄘ¯峮婃啡そ侜傚劒剃堔log垠匊尉堔log匚同㊦ K K N嚶兟她凅中YH,冶▸ (ㄖ)偕*0. 0/*05&4'8′20+/21,

Y1[∠ひ,ㄘ¯峮婃啡そ侜伉堔log垠堔ㄟ尔卞匊尉┤ 她关壨叼哖YH,冶▸ (ㄖ)偕*0. 0/*05&4'8′00+/02,

Y2[嗥叵叵,婃啡┻ 斀そ侜噤夔她劒剃堔log垠匊尉她ㄘ¯峮勿墠叼哖乙哑YH,(ㄖ)巡ㄟ器*0. 0/*ㄅ/&4'8′00+/01,

Y3[冧ゃ,ㄘ¯峮婃啡そ侜噤夔堔ㄟ尔卞◇堔log垠傚堔log匚同㊦婃啡⊡偊壽她凅中YH,┤ 份婚(ㄇ)(ㄖ)儽*0. 0/*15&4'86 6+67,