

Effect of *Clostridium Butyricum* MIYAIRI on fecal flora in *Helicobacter pylori* eradication therapy

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(一)目標：在幽門桿菌治療上—*Clostridium butyricum* Miyairi 588(株)對糞便微生物之變化

(二)方法：a) Patient No. 35—胃&十二指腸潰瘍
合併幽門螺旋桿菌感染

b) 病人分2組

A組：三合一療法(Amoxicillin,
Clarithromycin, Lansoprazole)

B組：三合一療法(同上),在治療前7天投予
Clostridium Butyricum Miyairi(588株)

(註) 在投用CBM前收集病人糞便及三合一治療第2.4.7.15
及22天亦收集病患糞便並檢測腸內微生物

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(三)結果：

1. A組在治療第2.4.8.15天厭氧菌明顯減少，但B組病患厭氧菌變化無顯著意義
2. 在A組病患中E.Coli原為Enterobacteriaceae(腸內菌)中佔多數但改變成Kelebsiella及Enterobacter但B組中病人此變化維持穩定且腹部不適症狀之情況A組病患發生之頻率高於B組病患

(四)結論：以CBM合併使用治療可減少腸內微生物之變化且減少引起腸胃道副作用之情況

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Clinical symptoms observed during and after *H pylori* eradication therapy

	Group 1 (n=17, %)		Group 2 (n=18, %)	
Loose stool	8	(47.1)	4	(22.2)
Water diarrhea	2	(11.8)	1	(5.6)
Abdominal pain	2	(11.8)	0	(0)
Abdominal distention	2	(11.8)	0	(0)