

Malignant Duodenocolic Fistulas

- Report of 2 cases -

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Malignant duodenocolic fistula is a rare complication of advanced right colon cancer. The surgeon becomes involved not only with the cancer lesion, but also with physiologic complications, such as electrolyte imbalance and malnutrition. We experienced 2 cases of duodenocolic fistulas arising from right side colon cancers. One of the patients was surgically treated by right hemicolectomy and pancreatico-duodenectomy and another case was lost to follow-up. We report these cases with a brief review of literature. JKSCP 2001;17:53-57

Key Words : Malignant duodenocolic fistula, Right hemicolectomy, Pancreatico-duodenectomy

en-block 가

2

1.

: (/76)

: 7

1

: 1975

, 1999 2

가 :

가 가

. Welch ¹

: 5.0

900 1 가

gm/mL, 17.2 %, 11,600/mm³,

, 1993 72 , 34

185,000/mm³

가 , 2 가

^{2,3}

CEA 6.3 ng/mL, -

: 4 7336

FP 2.2 ng/mL

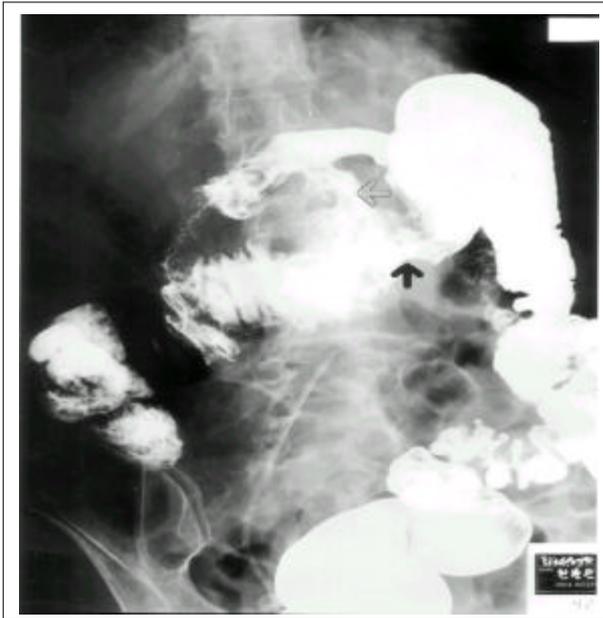


Fig. 1. Barium enema demonstrates apple-core lesion (thin arrow) and fistula tract into duodenum (thick arrow) locating in transverse colon.

apple-core
(Fig. 1).



Fig. 2. Abdominal CT scan shows mass of transverse colon accompanying diffuse wall thickening and infiltration into pericolic organs. Small abscess cavities with microperforations were suspected.



Fig. 3. Specimen of en-bloc resection was opened into duodenal side. Fistula tract was traced by the probe.

7 cm

0.5 cm

(Fig. 3).

가

가가

13

T-

en-bloc

21

26

T-

7.5×

T-
 40
 2.
 : (/53)
 :
 : 2
 , 가
 1 4 Kg 가 4
 10 가
 : 1996 ,
 . 30 2 3
 가 :
 :
 , 가가
 : 5.8 gm/mL,
 20.2%, 8600/mm³, 576000/
 mm³,
 . CEA

57.7 ng/mL .
 :
 2

(Fig. 4).



Fig. 5. Obstructive mass lesion of ascending colon was found by colonoscopy.

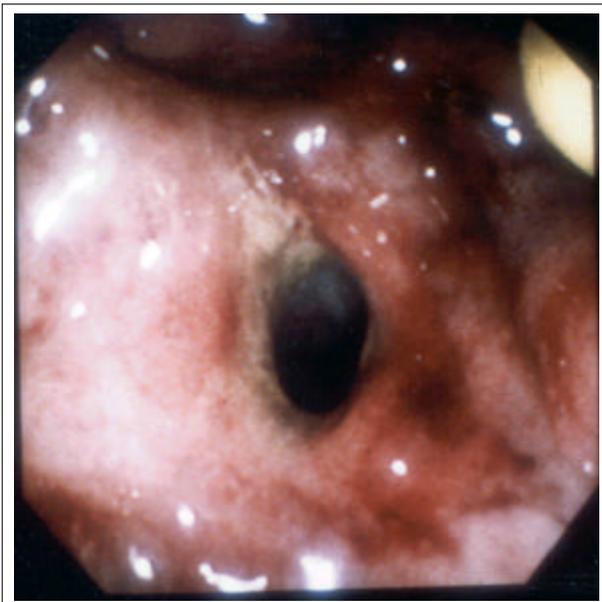


Fig. 4. Fistula opening of duodenal side was found in deep infiltrative ulcer located in duodenal second portion.



Fig. 6. Barium enema demonstrates apple-core lesion (thin arrow) and fistula tract into duodenum (thick arrow) locating in hepatic flexure of ascending colon.

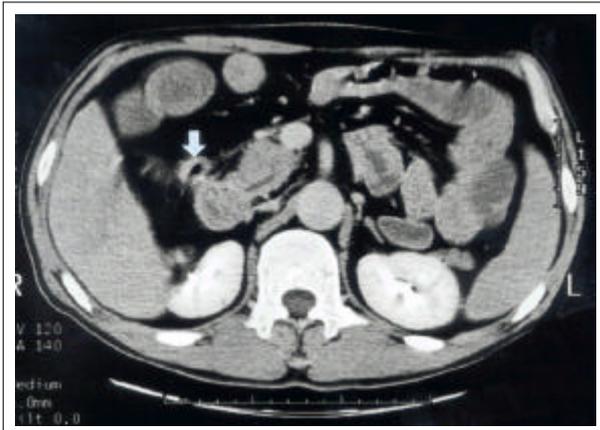


Fig. 7. Abdominal CT scan shows obstructive mass in hepatic flexure and fistula tract communicating with duodenum (thin arrow).

가
(Fig. 5).

apple-core
(Fig. 6).

2 가 가
가
(Fig. 7).

: . 4

Barton⁷ 900 1
: 3.8 : 1
가 가 가
가 . 4
가 . 4
가 . 1

, 가 , 39%
가 . 3,5,6

, 가 . 6
가 . 3,4,7

, 가
가
2,3,8,9,10 2 가

apple-core

Izumi⁶ 97
4

. 1) : 35
28%

. 2)

: Ellis¹¹ 가 가
가

. 3) -
: Gallagher¹²가

가 가 : 1944
. 4)
Linton¹³ 2 . 1

2

1959 Janes Mills¹⁴ 1

1

11 Clang Rhoads¹⁵

7 1

가

2 가

가 가 en-block

2

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