

### Surgical Treatment of the Patient with Non-specific Colon Ulcer

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**Purpose :** Non-specific ulceration of colon is a rare of unknown etiology. To establish correctly the di of nonspecific colon ulcer preoperatively is diff with more wide spread use of colonoscopy and compl nentary diagnostic aids, this lesion may be acc diagnosed more often. The presentating symptoms ve mainly lower abdominal pain, which mimic such condi as acute appendicitis, diverticulitis, intestinal and colon cancer. If its serious complications (per abscess formation, or uncontrolled bleeding) were oped, resection of ulcerated segment or more exten colectomy was recomended. The purpose of this stu was to establish correctly the diagnosis of nonspeci ulcer preoperatively and to identify definitive tre complicated colon ulcer.

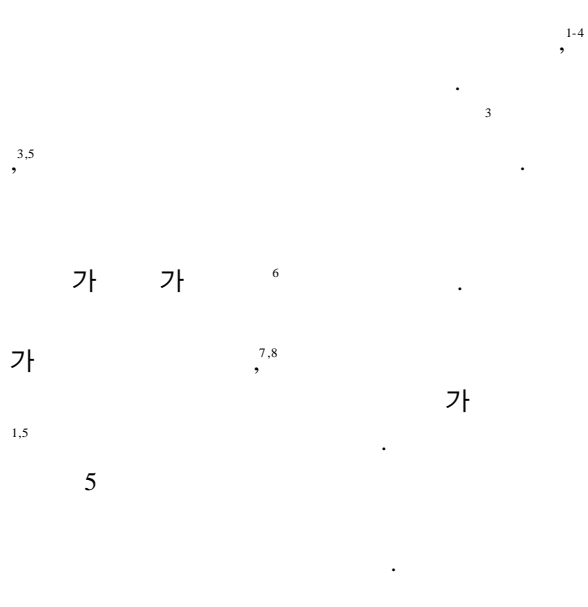
**Methods :** 6 cases, surgically treated as non-specif ulcer at Chosun University hospital from January 1 December 1999 were studied retrospectively.

**Results :** The ages of the patient ranged from 35 t years; the ratio of male to female is 2 : 1. The main symptoms were abdominal pain (6 cases), nausea vomiting (4 cases), hematochezia (3 cases), constip cases) and palpable mass (1 case). The preoperative nosis was generalized peritonitis (2 cases), colo (2 cases), acute appendicitis (1 case), mechnical tion (1 case). 3 cases had past medication history, anti-hypertensive drug and the two were nonster anti-inflammatory drug. The preoperative diagnosti were simple abdomen (6 cases), abdominal CT (6 cas colon study (3 cases), abdominal sonograph (4 case selective angiogram (1 cases), The location of ulc cecum (2 cases), sigmoid colon (2 cases), transver (1 case) and descending colon (1 case). The methods o eration were hencolectomy (3 cases), segmental rese

(1 case) and anterior resection (2 case). There was one death, but 5 cases were completely recovered. **Conclusions :** Non-specific ulcer of the colon is tected until complicated by bleeding, perforation, struction. The patient who has chronic abdominal pai rectal bleeding can be diagnosed preoperatively b onoscopy and colon study. The recomended therapy complicated cases is resection of the ulcerated segm more extensive colectomy. Non-specific colonic should be suspected as one of colonic disease i patients with complications. **JKSCP 2001;17:119-1**

**Key Words :** Non-specific colon ulcer, Colectomy

1832 Cruveihier가



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1995 1 1999 12 5  
6 , , ,



가 4 , 1  
(Table 4).

5)

1 cm 가 2 , 1 3 cm 가 3  
, 3 cm 1 , 2 ,  
2 , 1 , 1  
(Table 5).

6)

2 , 2 ,  
1 , 1 (Table 5).

7)

3  
1 , 2 (Table 6).

8)

5 ,  
1 . 1  
5  
(Table 6).

Table 5. Size and location and preoperative diagnosis

Case	Size	Location	Preoperative diagnosis
1	2 cm	Sigmoid colon	Colon cancer
2	0.8 cm	Cecum	Acute appendicitis
3	2.5 cm	Transverse colon	Colon cancer
4	2 cm	Sigmoid colon	General peritonitis
5	4 cm	Descending colon	General peritonitis
6	0.7 cm	Cecum	Mechanical ileus

Table 6. Operative procedure and postoperative complication

Case	Operative procedure	Postoperative complication
1	Anterior resection	—
2	Right hemicolectomy	—
3	Extended right hemicolectomy	—
4	Anterior resection	—
5	Left hemicolectomy	Sepsis
6	Segmental resection	—



Fig. 1. There was small ulcer in colon with dirty base due to blood clot.

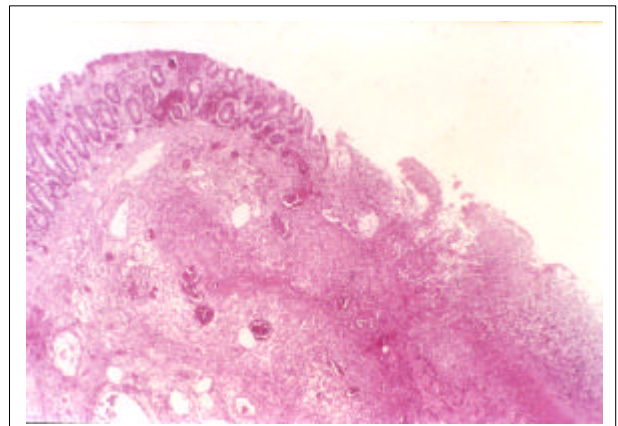


Fig. 2. Chronic ulceration covering by necrotic debris was noted, which is involved to mucosa in this figure.

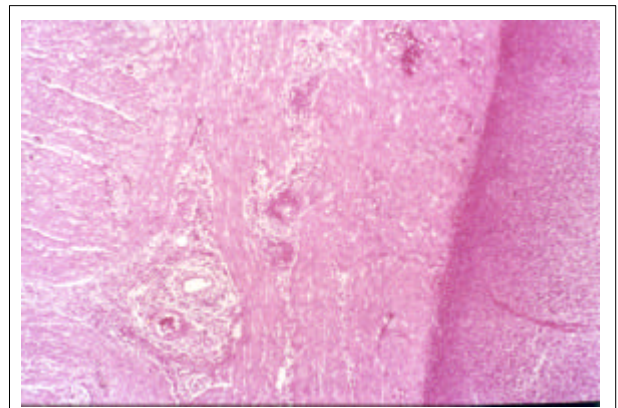


Fig. 3. Abscess pocket & serositis outer portion of muscle proper was suggestive of perforation.



**Fig. 4.** Small round hyperemic focus at distal portion of descending colon was noted. Small pseudoaneurysm at branch of left colic artery was seen. Leakage of contrast media from this pseudoaneurysm was also seen (Case 5).

3.6, 10  
 3.6  
 10%가  
 67% 가  
 18%,  
 가  
 punch out  
 5 mm 4 cm  
 crater

1940 Barlow<sup>9</sup>가  
 60  
 1) . Butsch<sup>5</sup>  
 , 2)  
 , 3)  
 , 4)  
 , 5)  
 , 6)  
 1-4  
 1.5, 8  
 6  
 1.5, 8  
 3, 6  
 4, 6  
 (Barlow 40% 가  
 ), 1, 3, 6, 8

1.3, 5, 10, 13  
 3  
 3  
 4  
 15, 16  
 1.3, 4  
 2  
 2.3, 6  
 3, 6  
 6 12%  
 (33%).<sup>6</sup>  
 1  
 5 Feldman<sup>1</sup>

8  
 ,  
 가  
 1,3,4,6,8,17-19  
 가  
 2  
 가 가 2  
 , 1  
 multiple air-fluid level  
 가  
 1  
 , 2  
 16  
 가  
 가  
 가  
 (localization)  
 8,14  
 1  
 가  
 2-4,6  
 가  
 1,2,8  
 8,11,14  
 가  
 6  
 Earnest<sup>15</sup>  
 가 가  
 가  
 4,6 Blundell  
 1,6  
 가  
 8

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