

# 급성 감염성 설사

## Acute Infectious Diarrhea

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### Abstract

Acute infectious diarrhea is the most common cause of diarrhea worldwide and is the leading cause of deaths in childhood. Despite improvements in public health and economic wealth, the incidence of intestinal infection remains high and continuous to be an important clinical problem in developed countries. Acute diarrhea, defined as an increased frequency of defecation (three or more times per day or at least 200 g of stool per day) lasting less than 14 days, may be accompanied by nausea, vomiting, abdominal cramping, clinically significant systemic symptoms, or malnutrition. Acute infectious diarrhea presents clinically as one of two major clinical syndromes, acute watery diarrhea, which usually resolves within 5–10 days, and diarrhea with blood (dysentery). The initial clinical evaluation of the patient with acute diarrhea should focus on the assessment of the severity of the illness, the need for rehydration, and the identification of likely causes on the basis of the history and clinical findings. In this article I focus on the causative agents, diagnosis, and management of acute infectious diarrhea in immunocompetent adults in Korea.

**Keywords :** Acute infectious diarrhea; Dysentery; Diagnosis; Treatment

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가 .  
1  
가  
2000  
, , ,  
가  
3가  
, , , -  
, ,

1.

병원균	가	가	가
Rotavirus	+	-	-
Adenovirus	+	-	-
Cytomegalovirus	+	+	+
<i>Vibrios</i>	+	-	-
<i>ETEC</i>	+	-	-
<i>EPEC</i>	+	-	+
<i>EHEC</i>	+	-	+
<i>Shigella</i>	+	+	+
<i>Salmonella</i>	+	+	+
<i>Campylobacter</i>	+	+	+
<i>Yersinia</i>	+	+	+
<i>C. difficile</i>	+	+	+
<i>Giardia</i>	+	-	+
<i>Cryptosporidium</i>	+	-	+
Microsporidia	+	-	+
<i>Entamoeba histolytica</i>	+	+	+
<i>Strogyloides</i>	-	-	+
<i>Schistosoma</i>	-	+	+

가

5            10

14

(LT) *Cam-*  
*pylobacter jejuni*, *Salmonella typhimurium*, *Sal-*  
*monella enteritidis*

adenylate cyclase . *Yersinia*  
*enterocolitica*, *Cholera non - O1* *E. coli* ST - 1  
(ST)

guanylate cyclase

(ST)

( 1).

<i>Salmonella</i>	, 가	12~48	, , , ,	2~14
<i>Campylobacter jejuni</i>	, 가	48~168	, , , ,	7~21
<i>EHEC</i>		24~168	, , , ,	7~21
<i>Vibrio parahaemolyticus</i>		2~48	, , , ,	2~30
<i>Yersinia enterocolitica</i>	,	2~144	, ,	1~3
<i>Clostridium perfringens</i>		8~22	,	1~3
<i>Staphylococcus aureus</i>		2~6	, , ( )	
<i>Bacillus cereus</i>		1~2	, , ( )	
<i>Clostridium botulinum</i>		18~36	, ,	10~14

[illegible]

가 .

가 . *Helicobacter pylori* , .

3.

가 , *Salmonella C. jejuni* ,

가 . 가 가

*Clostridia* . 가

가 30% 가 , , 가

가 .

1)

( 2). 3

2.

가 .

가 .

가 .

*C. jejuni* 2)

Guillian - Barre .

가 80~90% .

2~3% , 5~10% ELISA strongyloidiasis schistosomiasis

10% , 가 가 .

3)

가 ,  
 , haustra ,  
 .  
 (fluid level) .  
 가  
 .  
 1.  
 , 가 -  
 (glucose - electrolyte oral rehydration solution, ORS) .

4)

가 . WHO  
 , 90 mmol/L,  
 331 mOsm/kg , 50 ~ 60 mmol/L  
 . S 240 mOsm/kg  
 ,  
 . Clo- 가  
 *stridium difficile* , 가  
 amebiasis, tuberculosis, syphilis 30% 가  
 , (butyrate)  
 . S S  
 5%  
 .  
 가 ,  
 24 ~ 72 , 가  
 ,  
 . 가  
 가 ,

3.

- V. cholera*
- Traveler's diarrhea (ETEC)*
- Dysenteric shigellosis*
- Severe salmonellosis*
- C. difficile diarrhea*
- Yersinia sepsis*
- Campylobacter dysentery*

가

EPEC  
EHEC  
*Campylobacter enetritis*

Salmonella enteritis  
EHEC  
Noncomplicated yersinia enterocolitica

2.

Loperamide diphenoxylate/atropine

가

가 .

가

가

Loperimide  
noxylate/atropine

, diphe-  
(opiate)

EHEC  
uremic syndrome)

(hemolytic-

3.

enkephalinase  
enkephalins

racecadotril

4.

가 가 , 가 가

( 3).

1) ( 4)

가 80%

.가

quinolone

Stevens - Johnson

가

가,

가

가	1	50
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#### 4.

1		
Vibrio cholera	Tetracycline 500 mg q4hrs, 3 ds	TMP - SMX, doxycycline norfloxacin, ciprofloxacin, 3 ds Ciprofloxacin 1,000 mg once
ETEC	Ciprofloxacin 500 mg bid, 3~5 ds Norfloxacin 400 mg bid, 3~5 ds	Ciprofloxacin 500 mg
Virus	not recommend antibiotics or antiviral agents	

#### 5.

1		
<i>Shigella</i>	TMP - SMX 2T, bid, 5 ds Ciprofloxacin 500 mg bid, 5 ds	Cefixime 400 mg,gd, 5~7 ds Nalidixic acid 1g,gid, 5~7 ds
<i>Salmonella</i>	Ciprofloxacin 500 mg bid, 10~14 ds	TMP - SMX, amoxicillin
<i>C. jejuni</i>	Erythromycin 250~500mg,gid,7ds	Ciprofloxacin 500 mg bid, 5~7 ds Azithromycin 500 mg gd, 3 ds
<i>Y. enterocolitica</i>	Ciprofloxacin 500 mg bid,7~10 dsa	Tetracycline 250 mg qd, 7~10 ds
<i>C. difficile</i>	Metronidazole 400 mg tid,7~10 ds	Vancomycin125 mgqid, 7~10 ds Fusidic acid, teicoplanin
<i>E. histolytica</i>	Metronidazole 750 mg tid, 5 ds Diloxanide furoate 500 mg, tid, 10 ds	Paromomycin 25~35 mg/kg tid, 7~10 ds
<i>Balantidium coli</i>	Metronidazole 400 mg tid, 10 ds	Tetracycline 500 mg qid,10 ds

가

2) ( 5)

3)

, *C. difficile*,

*Yersinia*

*Yersinia*

, *Campylobacter*

giardia

EHEC

가



3~5

*C. difficile**salmo-*

Shiga

*nella, shigella, campylobacter*

quinolone

가

가 가

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