

1. T3 (1 cm : 7.5 MHz)

가 ,  
 .  
 .  
 .  
 .  
 85~90%,  
 60~70% (1, 2)( 1).  
 , ,  
 (rectal proper fascia),

(MRI)

MRI . MRI  
 ,  
 가가

가 .

1. 가 가?

•

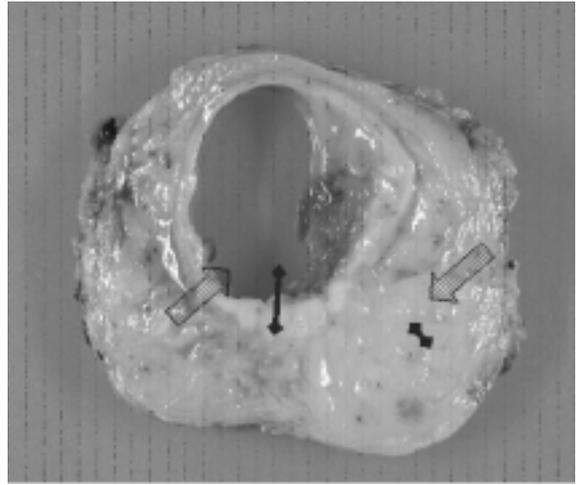
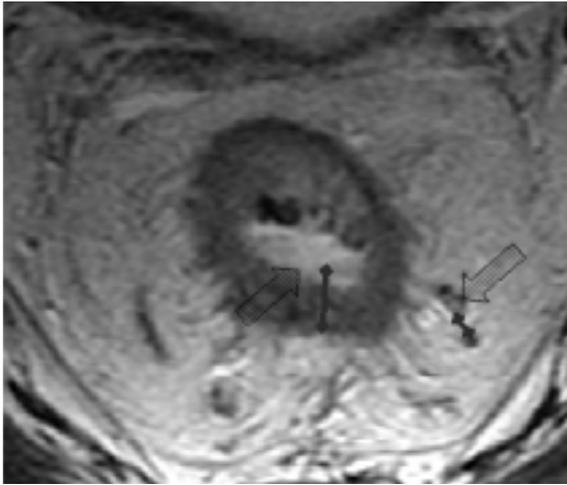
가 . (3, 4).

MRI CT

가 2. 가 가?

가

가



) MRI :  
 ) :

2. MRI

가

가

(5, 6)

(7~9).

가

가

가

( 2).

가가

3~5 cm

가

(

)

가

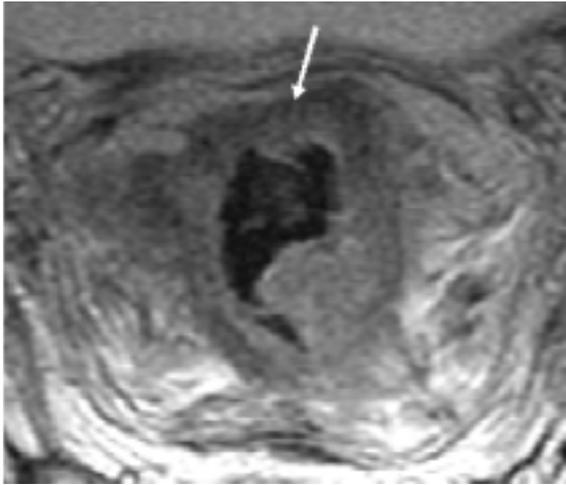
가

가

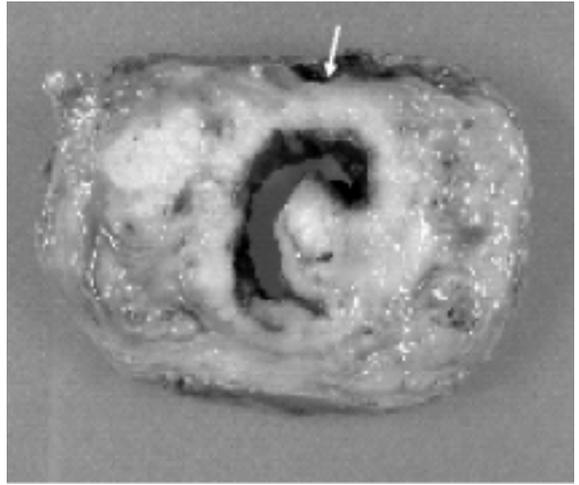
Heald(7)가

가

( 3).



( 0.4 cm)



3. 가 MRI

(11)

가

5

30%

가

가

가

( 4 cm)

(10)

38

가

가

가

가

30

3 ,

1 가

가

gracilis muscle

gracilis muscle

(12). 10%  
7.5~20%  
5~10%

가

가

250

(15)

68

가

(13).

85.3%

5.5%,

가 22.6%

3.

?

60

가

가

5.

?

2

가

가

5 FU leucovorin 가

(14)

2

가

3

24

3 (9.7%)

4~7%

2

3

5

69~75%

(16~19)( 1).

(20, 21)

4.

?

1989

1998

934

가

(45.9%),

(41.6%)

가

가 가

288 가

30.8%

24

(24.0±20.8)





Pre CCRT



Post CCRT

CCRT : Chemoradiation treatment

Arrow : , 가 .  
4.

가 .  
7. ?

3.

Author	N	XRT (Gy)	Chemotherapy (regimen)	pCR (%)	RR (%)
Chen, et al	31	55	5 FU PVI	10	29
Minsky, et al	24	50.4	5 FU/L V bolus	13	
Chan, et al	54	40	5 FU/LV + MMC	4	45
Grann, et al	32	50.4	5 FU/LV	9	92
Janjan, et al	117	45	5 FU	27	61
YUMC*	73	50.4	5 FU/LV	11	67

\*Read at the meeting of Korean Cancer Society, 2001  
PVI : Protracted(continuous) venous infusion  
LV : leucovorin  
MMC : mitomycin C

7.

17 ~ 20%  
60% 가 (23 ~ 25)(  
3).  
가  
( 4)

21 (35%), 15 (25.4%),  
23 (39%)

5  
4 6  
가 . 가  
가 가 .

가 T 가 N

MRI

(26).

가 50

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