

MRI 平扫联合快速反转恢复序列在直肠癌的诊断

程 遥 陈俊强 邱建荣 黄晓婷
惠阳三和医院 广东 惠州 516211

【摘要】: 目的: MRI
2019 6 2021 12 28 MRI
结果: MRI
T1-T2 85.71% 24/28 T3 78.57% 33/28 T4 92.86% 26/28
78.57% 22/28 N 结论: MRI

【关键词】: MRI

MRI Plain Scan Combined with Rapid Reverse Recovery Sequence in the Diagnosis of Rectal Cancer

Yao Cheng Junqiang Chen Jianrong Qiu Xiaoting Huang

Huiyang Sanhe Hospital Guangdong Huizhou 516211

Abstract: Objective: In order to further compare the application of imaging technology, MRI plain scan combined with rapid reverse recovery sequence identification will be carried out for the staging diagnosis of rectal cancer. Methods: From June 2019 to December 2021, 28 patients with rectal cancer were admitted to our hospital as the subjects of this experiment. All patients were treated with MRI plain scanning combined with rapid reversal recovery sequence. Compare the test results. Results: According to the data, MRI plain scan combined with rapid reverse recovery sequence examination showed differences in the staging accuracy of colon cancer patients, among which the accuracy of T1-T2 was 85.71% (24/28), T3 was 78.57% (33/28) and T4 was 92.86% (26/28). In addition, The overall accuracy was 78.57% (22/28). There is also good consistency in N stage. Conclusion: MRI plain scan combined with rapid reverse recovery sequence has high application value for staging diagnosis of rectal cancer patients, and is worth popularizing.

Keywords: MRI plain scan; Fast reverse recovery sequence; Rectal cancer stage

SE 180° T1WI [1]
2019 6 2021 12 28 MRI

1 资料与方法

1.1

2019 6 2021 12 28

MRI

28 18 10

43- 71

58.45

± 3.96

56- 83kg

68.95± 5.77 kg

1

2

3

4

5

1

2

3

4

MRI

P>0.05

N1	1	3	1	5
N2	0	1	3	4
	15	9	4	28

3 讨论

1.2 MRI 12 20%

250ml

MRI

MRI
FRFSE

FRFRFSE

180

+FSE T1WI T2WI PDWI

1.3

[2]

2

2

UICC TNM T1

T2

T3

T4

NO N1 1-4

T2

4

MO

M1

[3]

1.4

SPSS22.0

%

X± S

t

P<0.05

2 结果

MRI

T1-T2

85.71% 24/28 T3 78.57% 33/28 T4 92.86% 26/28

78.57% 22/28

1

N

2

1

T

%

	MR			
	T1-T2	T3	T4	
T1-T2	6	2	0	8
T3	2	11	1	14
T4	0	1	5	6
	8	14	6	28

[4]

2

N

%

	MRI			
	NO	T1	T2	
NO	14	5	0	19

[5]

MRI

T2WI

DWI

[6]

ELT	FIR	ETL	T2	T1	CRM	T2WI
	ETL			FSE T1WI		MRI
	180	FIR T1WI	T1			
	TI		T1		MRI	
	TR	TR>5T1				
TI	T1	69%	70%		参考文献:	
			T1WI		[1] , , , .DCE - MRI	DWI
	180				T N	
0	0				[J]. ,2020,20(23):4505- 4509.	
	90				[2] , , , . MRI	
					[J].CT	, 2018,
	T1				27(4):519- 528.	
	MRI				[3] , , .MRI	
					[J]. ,2019,42(3):326- 330.	
					[4] , , , .	[J].
	0.5cm				,2021,38(6):1213- 1217.	
	0.5cm				[5] .3.0TMRI	
					[J]. ,2021,34(09):28- 29.	
			CRM		[6] , , , .	
			CRM		(2021) [J].	, 2021,
			1mm		41(10):1104- 1110.	