CT

Analysis of the effect of abdominal CT examination in the diagnosis of intestinal obstruction

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Y   CT   Y   2020   1   —2021   5   30   K
    CT   X   K   15   K   CT   K   X   K
K   Y CT   G 100.00% H   X   G 73.33% H K CT
G 93.33% H   X   G 60.00% H K   G P<0.05 H Z CT
            X   G P<0.05 H; CT   G 93.33% H   X   G 63.33% H K   G P<
0.05 H   Y   CT   K   K   K   K

Abstract Objective: To judge the value of abdominal CT examination for intestinal obstruction. METHODS: Thirty patients with intestinal obstruction who were admitted to our hospital from January 2020 to May 2021 were randomly screened and divided into CT group and X−ray group by lottery, 15 cases in each group. The former underwent abdominal CT examination and the latter underwent X−ray examination. The detection rate of intestinal obstruction was counted, the location of obstruction was observed, and the image quality and satisfaction were evaluated. Results: The detection rate of intestinal obstruction in the CT group (100.00%) was higher than that in the X−ray group (73.33%), and the coincidence rate of the location of obstruction in the CT group (93.33%) was higher than that in the X−ray group (60.00%), with statistical differences. The image quality score of each inspection measure evaluated by four dimensions in the CT group was significantly higher than that in the X−ray group (P<0.05); the diagnostic satisfaction of the CT group (93.33%) was significantly higher than that of the X−ray group group (63.33%), the difference between groups was statistically significant (P<0.05). Conclusion: CT assistance can improve the accuracy of intestinal obstruction identification. Under clear images, the location of obstruction can be accurately located and the corresponding intestinal obstruction treatment can be performed.

                Z   Z   Z   Z   CT

0   30   K   CT   X   K   15
              K   CT   Y   28~70   K   G 49.63±4.07 H   Z   9   K
K   K   6   Z   3~14h K   G 8.40±1.73 H h   X
                  K   K   Y   29~71   K   G 50.32±4.45 H   Z   10   K
        40% K   5   Z   4~15h K   G 9.13±1.56 H h
              K   78%   G P>0.05 H K   Y
                ①   Z ②   Z ③
    K   K   Z ④   Z ⑤
            K   Z ⑥   Y ①
        K   X   Z ②   Z ③
        K   K   Z ④   Z ⑤
                        K CT
    K   Y   **1.2**
CT   X   Y X   K   UDR770i K
                                                K   K
1   K X   CT   Y   CT   K   64
                                                CT K   K
    1.1   10mm K   2mm K   K
        2018   1   —2021   5   K   K

1.3

3.5mL/s

100mL

25mm

60mm

CT（100.00%），X线
（73.33%）；（93.33%），X线
（60.00%），（P<0.05）[9]
CT（80.88%），X线（63.23%），
（P<0.05），CT

90~100 60~89

0~59

1.4

SPSS24.0

（%）， χ2 、Z （x±s）， t

P<0.05

2

2.1 CT
（100.00%），X线（73.33%），（P<
0.05）

2.2
CT（93.33%），X线
（60.00%），（P<0.05）

2.3
CT
X （P<0.05）

2.4
CT（93.33%），X线
（63.33%），（P<0.05）

3

X线

CT

[11] CT

BMI

]

CT

X （P<0.05），CT
X

CT X

CT，X线
（63.33%），（P<0.05），CT
X

CT（93.33%），X线
（63.33%），（P<0.05）

K K K K
K CT K
CT K K K K
K K CT CT K
K K
K K 4
K K
CT K K K CT K
K K K

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