

عنوان مقاله:

Impact of abdominal radiography on surgical approach among patients with acute abdomen attending emergency ward

محل انتشار:

مجله جراحی و تروما، دوره 6، شماره 1 (سال: 1396)

تعداد صفحات اصل مقاله: 4

نویسندگان:

Mostafa Hoseini - Rasool Akram Hospital, Iran University of Medical Science, Tehran, Iran

Hamzeh Mousavi - Rasool Akram Hospital, Iran University of Medical Science, Tehran, Iran

Nahid Nafissi - Rasool Akram Hospital, Iran University of Medical Science, Tehran, Iran

Khashyar Sanjary - Rasool Akram Hospital, Iran University of Medical Science, Tehran, Iran

Ali Reza Negahi - Rasool Akram Hospital, Iran University of Medical Science, Tehran, Iran

خلاصه مقاله:

Introduction: Abdominal radiography is an important method for acute abdomen cases and it is usually used to determine surgical approaches. This study was performed to determine the effect of abdominal radiography in the surgical approach among patients with acute abdomen attending the emergency ward of Rasool-Akram Hospital. **Methods:** In this comparative cross-sectional study, ۱۴۷ consecutive patients with acute abdomen attending the emergency ward of Rasool-Akram Hospital were enrolled. The effect of abdominal radiography on surgical approach was assessed in them. The collected data were analyzed in SPSS software (version ۱۳) using independent t-test and Fisher's exact test. The significance level for all tests was considered less than ۰.۰۵. **Results:** In this study, radiography was effective on surgical approach in ۶۳.۳% of cases and it proposed peritonitis in ۶۸% of cases. The impact was associated with lower age ($P=۰.۰۰۰۱$), shorter surgery duration ($P=۰.۰۰۳$), and male sex ($P=۰.۰۰۰۱$). **Conclusions:** According to the results, it may be concluded that clinical assessment has a pivotal role for diagnosis of peritonitis, and if it is positive, no additional procedure is required whereby the operation should be carried out. Abdominal radiography should be used for cases with equivocal results in clinical assessment.

کلمات کلیدی:

Abdomen, Acute, Peritonitis, Radiography, Abdominal

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1865917>



