

عنوان مقاله:

THE ROLE OF ULTRASONOGRAPHY IN PATIENTS REFERRING TO THE EMERGENCY DEPARTMENT WITH ACUTE ABDOMINAL PAIN

محل انتشار:

چهاردهمین کنگره سالانه طب اورژانس ایران (سال: 1398)

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خلاصه مقاله:

Background and Aim : Acute abdominal pain is a common clinical problem in emergency and non-emergency cases accounting for 5 to 10% of all referrals to the emergency department. Studies have indicated that these widely differentiated diagnoses are common to these complaints. Considering the high prevalence of this complaint in the patients and the wide range of its differential diagnosis, this review study was designed and evaluated aiming at investigating the causes of acute abdominal pain with a focus on assessing the position of ultrasound as a diagnostic tool in the emergency department. Methods : This article was conducted as a narrative review of 106 articles from 2005 through 2019. By comparing them, a comprehensive review of ultrasonographic status was conducted in patients with acute abdominal pain referring to the emergency department. Results : In this review study, we attempted to use the articles of the clinical approach, the required laboratory tests, the disadvantages and advantages of each imaging technique, the differential diagnosis for acute abdominal pain according to the location of the pain, and the position of ultrasound as a diagnostic aid tool. Eventually, the proposed protrusion will be considered in dealing with a patient with acute abdominal pain. Conclusion : Regarding the wide range of causes providing multiple differential diagnosis, as well as the limited time of the health team in the emergency department for diagnostic and therapeutic measures, particularly in time-sensitive clinical conditions, ultrasound offered by emergency medicine specialists as a diagnostic aid is considered to improve the overall diagnosis and treatment of patients, thereby reducing complications.

کلمات کلیدی:

Abdominal Pain, Diagnosis, Differential, Emergency Service, Hospital, Ultrasonography

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