



Çocukta Sıra Dışı Abdominal Bölgeden Köpek Isırması Sonrası Akut apandisit: Köpek Isırması Olgusu

Acute Appendicitis After Extraordinary Dog Bites From The Abdomen in a Child: Dog BiteCase

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ÖZ

Köpek ısırıkları sonra akut apandisit nadir görülen bir durumdur, literatürde benzer bir vaka sunumu yoktur. 5 yaşındaki erkek çocuk karın bölgesinden köpek ısırması şikayeti ile başvurdu. Laparotomide bağırsak yaralanması ve akut apandisit saptandı. Karın bölgesinden köpek ısırıklarında karın organları laparotomi ile detaylı muayene edilmelidir ve apandikse mutlaka dikkatle bir şekilde bakılmalıdır.

Anahtar Kelimeler: Çocuk, Köpek ısırması

ABSTRACT

It is a rare case of acute appendicitis after dog bites, there was no similar casereport in the literature. 5 year-old boy was admitted with complaints of dog bites from the abdomen. Laparotomy revealed intestinal injury and acute appendicitis. Dog bites from the abdomen, abdominal organs should be examined in detail by laparotomy and appendix must necessarily look carefully.

Keywords: Children, Dog bites

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Introduction

Children, depending on the dog bite the abdominal penetrating injury is a rare condition[1-3]. Acute appendicitis with abdominal organ injuries due to dog bites are extremely rare case to be seen[1-3]. Appendix has to be carefully examined in abdominal trauma[4].

Case

Five-year-old male child is bitten by a stray dog in the stomach and was admitted to the emergency. Physical examination in the four quadrants of the abdomen, 0,5 - 1 cm in diameter was found deep skin and subcutaneous incision (Figure, A). The abdominal palpation was distended and tender. There was no free air under the diaphragm graphite. The bite area was cleaned with physiological serum and povidone iodine and was immunization against rabies. Following the patient's informed consent was obtained from relatives and the patient was hospitalized for surgery. Preoperative preparation was performed in patients. The patient under general anesthesia, incisions Mac Burney from the right lower quadrant is the longest of bite size explorative laparotomy was performed. Intestines were examined until the ligament of Treitz field. Jejunum and ileum 6 different locations, were full thickness bowel perforation was seen and primary repair (Figure, B). In the examination, the appendix surprisingly were seen hyperemia, edema, erectile (Figure, C). The patient underwent appendectomy. Patients were given broad-spectrum antibiotics. The patient was discharged on postoperative day 5 without complications. The patient was taken to the rabies vaccination program. Histopathological examination, demonstrated dense neutrophils in mucosa and muscularis propria with necrosis, congestion, perivascular neutrophilic infiltrate (Figure, D). The

histomorphology findings were consistent with a acute appendicitis.



Figure 1. Four quadrants of the abdomen, 0,5 - 1 cm in diameter was found deep skin and subcutaneous incision (The wound healed)



Figure 2: Bowel perforation was seen.

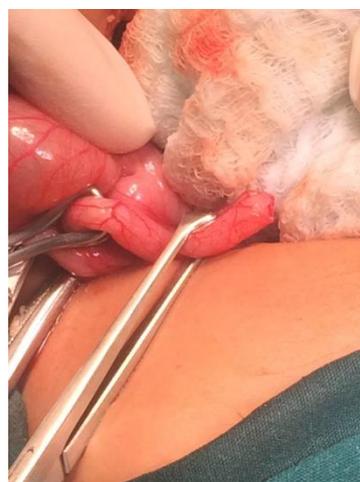


Figure 3: Appendix surprisingly were seen hyperemia, edema, erectile.

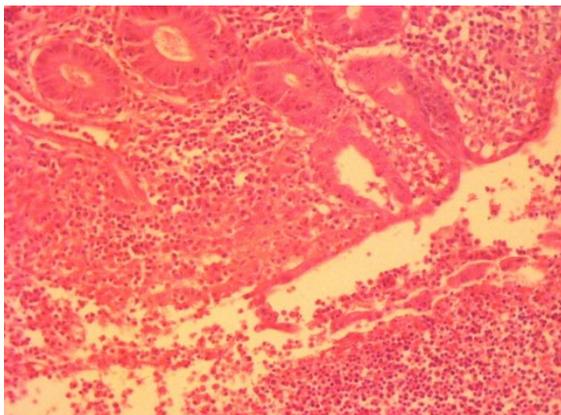


Figure 4: Microscopically, dense neutrophils in the lamina propria (hematoxylin-eosin, original magnification 200X)

Discussion

Children with dog bites depends on abdominal trauma, bowel injury and appendicitis is not a very common combination[1-3, 5]. Looking at the literature, dog bites bowel injuries and appendicitis association was not observed. Abdominal injuries due to dog bites in an appendix should be carefully examined and the inflamed appendix should be applied appendectomy[4]. Abdominal trauma during abdominal exploration in the abdominal solid organs, along with all the small and large intestine in an appendix to control, improve treatment success and minimize the potential for complications[4].

Acute appendicitis may have occurred with dog bite or abdominal trauma[1-5]. Perhaps acute appendicitis may have occurred before the trauma. Therefore, we do not know the etiology of acute appendicitis.

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