

A Acute Appendicitis Induced by Traditional Iraqi Grilled Fish Bone (Masqouf)

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Abstract

A acute appendicitis caused by traditional Iraqi grilled fish bone (Masqouf), In Al-shifaa private hospital, Iraq, diyala governorate.

Keywords : Obstruction, Appendicitis, Fish bone

A 23 years old male patient, from Iraq, diyala governorate, presented to the Al-shifa private Hospital to emergency department, 48 hours duration, with right Lower abdominal pain, on clinical examination, there is right iliac Fossa, pain and rebound tenderness, the patient was diagnosed as a case of acute appendicitis, ultra-Sound revealed acute appendicitis, WBC= 8,000 mm/cu.

Operation done under general anesthesia with an Grid iron incision, intra operatively an inflamed appendix caused by Fish bone seen in the wall of appendix, removed the fish bone first (Figure.1), then appendectomy had done for him (Figure.2). Patient had history of eating traditional Iraqi meal grilled Fish (Masqouf) (Figure.3) 4 days before admission.



Figure 1: Fish bone.

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Figure 2: Inflamed appendicitis.



Figure 3: Traditional Iraqi grilled fish.

Introduction

A cute appendicitis casued by infectious either from bowel organisms as B.coli, or haematogenous spread, or obstruction of lumen of appendix by foreign body, such as parasite (Threadworms), vegetable (seeds, date stones), faecoliths (the commonest cause) [1] but we report appendicitis obstructed by foreign body (fish bone), patient had history of eating traditional Iraqi fish grilled (Masqouf) 4 days before.

Food that is not properly chewed cannot be easily digested by patient and can therefore lead to blockages and inflammation,[2]

Discussion

The cause of a appendicitis is always infection by viral, or bacterial infections [3].

Obstruction of lumen of appendix by foreign body (fish bone) is rare, the patient had history of eating traditional Iraqi fish grilled (Masqouf) 4 days before.

The fish bone is one of the rare cause of induced appendix and may be asymptomatic [4].

In our case, the fish bone induced acute appendicitis and it penetrate the appendix [5].

The diagnosis of acute appendicitis can be easily made in 60% of cases based on sign and symptoms [6], and physical examination, but in the other 7% of cases the diagnosis may be difficult, while the diagnosis is 60% in ultrasound and shown acute appendix [9].

Laboratory assessments show classically elevated WBC[7].

Conclusion

Fish bone Can cause acute appendicitis and induce The signs and symptoms of acute appendicitis[8]. So must taken good history of type of food taken by patient before surgery such as grilled fish (masqouf) in Iraqi patient.

The treatment is remove the fish bone first the appendectomy.

Ethical clearance- Taken

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Conflict of Interest - Nil

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