



Olive Oil and Mesenteric Panniculitis, A Possible Association

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Case Report

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Abstract

Mesenteric panniculitis is a benign condition, sometimes asymptomatic, its presentation as a chronic abdominal pain, rarely reported, can be diagnosed from an ultrasound and confirmed by CT scan of the abdomen. The specific etiology of the disease is unknown, the possible relation to olive oil use need to be studied in larger case control study.

Keywords: Mesenteric Panniculitis; Familial; Olive Oil; CT Scan; UAE

Clinical Observations

Of 13 cases of mesenteric panniculitis seen in our center ACDS in UAE over the last 3 years 5 were regularly using daily olive oil, 2 of them are non-blood related Palestinian husband and wife.

The important observation is that mesenteric panniculitis occurred in the same family in a husband and wife.

3 more patients with mesenteric panniculitis were also using regular olive oil intake. All 5 patients share in the habits of daily use of olive oil.

The cause of MP remains unclear, although several possible causes have been proposed in the literature including previous abdominal surgery, abdominal trauma, autoimmunity, vasculitis, malignancy and infection [4,5].

Although the mentioned causes in the literature included abdominal trauma or surgery, autoimmune disease including IgG4 related disease, para neoplastic syndromes and ischemia, no mention in the literature about the possible association of dietary fat and olive oil regular intake.

We believe that there is an association with regular intake of olive oil and mesenteric panniculitis.

This observation needs larger study of this association.

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