

**Abstract**

In swingeing majority of cases at persons 50 to in default of «anxious» symptoms initial diagnosis of irritable bowel syndrome with probability of 93–97% is set on the basis of characteristic symptoms that is known as the Roman criteria IV. In accordance with the last, irritable bowel syndrome is examined as functional intestinal disorder at that recrudescence abdominal pain is associated with defecation or changes of intestinal discharge, that is certain during the last 3th months at beginning of symptomatology not less than 6 months prior to raising of diagnosis. Except such violations of intestinal discharge as diarrhea, lock or their combination, often present swelling and feeling tensions of stomach, that, nevertheless is specific.

Depending on character of symptomatology, irritable bowel syndrome distinguish with diarrheas, with a constipation, mixed type of irritable bowel syndrome and indefinite type. On the base of department of internal medicine № 1 of National medical university named after A.A. Bogomolets, gastroenterology separations of the Kyiv municipal clinical hospital № 8 and the Kyiv municipal clinical hospital № 18, and also the Ukrainian-German gastroenterology center during 2016–2017 150 patients with irritable bowel syndrome, middle age of  $(40,8 \pm 2,1)$ , were inspected. Among inspected there were 27,4% ( $n = 40$ ) men and, accordingly, 72,6% women ( $n=106$ ). A control group was made by 30 healthy volunteers  $(38,2 \pm 2,1)$ , among them there were 18 women and 12 men that answered the age-related and sexual descriptions of basic group. All patients gave the informed written consent on participating in research. When collecting anamnesis of patients with irritable bowel syndrome, food products were noted that cause gastroenterological complaints in the examined individuals. Food intolerance was noted in 78.1% ( $n = 114$ ) of patients with irritable bowel syndrome. Allergic diseases such as allergic rhinitis (51.2%), pollinosis (40.5%), drug allergies (42.9%), food allergies and urticaria (45.2%), atopic dermatitis (15.5%) were most common in patients with irritable bowel syndrome with allergies.

**Key words:** irritable bowel syndrome, atopy, allergic diseases.

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