

#### **Question 40 – Week of November 17**

Eosinophils are the predominant cell infiltrate in the lamina propria of patients with post-infectious irritable bowel syndrome.

- A. TRUE
- B. FALSE

**Answer: B**

Post-infectious IBS is a clinically distinct subgroup of IBS in which subjects develop their IBS symptoms after a bout of infectious gastroenteritis. It has been shown that, compared to controls, these patients have increased gut permeability, increased sensitivity to rectal distension, and increased numbers of inflammatory cells in the mucosa. Specifically, in the lamina propria, T lymphocytes are increased.

#### **Reference:**

1. Dunlop SP, et al. Distinctive clinical, psychological and histological features of post infective Irritable Bowel Syndrome. *Am J Gastroenterol* 2003;98(7):1578-1583.