Incidental finding of Peutz-Jeghers Syndrome in a patient with diffuse, moderate to severe oesophagitis

Key words: Peutz-Jeghers Syndrome, oesophagitis, case report

Abstract

Introduction: Peutz-Jeghers Syndrome is an autosomal dominant familial polyposis syndrome composed of pigmented mucocutaneous macules and hamartomatous polyps mainly in the gastrointestinal tract. It is important to detect this early as there is increased risk of gastrointestinal and extra-gastrointestinal malignancies with increasing age. This case reports, the first case of simultaneous occurrence of Peutz-Jeghers Syndrome with diffuse, moderate to severe oesophagitis.

This case report is on a 19-year-old woman, who presented with epigastric pain and vomiting for 3 days, with a similar history for 2 years which has responded to on and off antacids. She had anaemic symptoms as well with no overt bleeding. On examination she was found to have multiple dark pigmented patches in the mucous membranes of the lips and oral cavity. She was pale and had mild epigastric tenderness. While in ward she developed haematemesis and underwent urgent upper gastrointestinal endoscopy and found to have diffuse, moderate to severe oesophagitis and multiple polyps in stomach and duodenum. A colonoscopy performed later showed polyps in colon as well. She was diagnosed with Peutz-Jeghers Syndrome.

Conclusion: To date, there are no case reports on Peutz-Jeghers Syndrome detected together with diffuse, moderate to severe oesophagitis. This case reports the first case of incidental finding of diffuse, moderate to severe oesophagitis with Peutz-Jeghers Syndrome.