‘Bird bead’ sign in esophageal achalasia

A 33yr old healthy female with no underlying disease. She came with history of dysphagia and vomiting easily for 6 months. Physical examination, blood lab data and esophagoscopy were normal. Esophagography with barium study showed short segmental smooth, tapered narrowing (straight arrow) of distal esophagus with proximal esophageal dilatation, consistent with ‘Bird bead’ sign of esophageal achalasia. Esophageal achalasia result from absent primary peristalsis and impaired lower esophageal sphincter relaxation. It must be clinically suspected and radiographically confirmed for further treatment (FIGURE 1).

Figure 1. Esophagography with barium study showed short segmental smooth, tapered narrowing (straight arrow) of distal esophagus with proximal esophageal dilatation, consistent with ‘Bird bead’ sign of esophageal achalasia.