

Abstract

Disclosed is an endoscopic target structure evaluation system and method, a device, and a storage medium. The endoscopic target structure evaluation system includes: a frozen image detection module, which is used for respectively freezing images of a digestive-tract endoscopic target structure from endoscopic examination images before an endoscope withdrawing operation and endoscopic examination images after the endoscope withdrawing operation to respectively obtain a first frozen image and a second frozen image; and a digestive-tract endoscopic target measurement module, which is used for determining a length of the digestive-tract endoscopic target structure according to a first long-axis distance of the first frozen image, a second long-axis distance of the second frozen image, an endoscope withdrawing distance, a length occupied by a single pixel, and a number of pixel points at the first long-axis distance. According to the present invention, problems existing in a visual inspection method and a comparison measurement method with biopsy forceps are effectively solved, so that increasing for accuracy of estimating a lesion size by a doctor is contributed.

(FIG. 1)