

**METHOD AND COMPUTER SYSTEM FOR ANALYZING GASTRIC
ENDOSCOPIC IMAGE**

ABSTRACT

The present disclosure relates to a method for analyzing a gastric endoscopic image. The method includes: acquiring a gastric antrum endoscopic image, a gastric body endoscopic image, and a gastric cardia endoscopic image; inputting these images into a scaling feature fusion module which contains multiple shared-weights scaling sub-networks, each having a different field of view and outputting scale features of the antrum, body, and cardia, respectively; concatenating the scale features of the same section to obtain cross-view features of the antrum, body, and cardia; and inputting these cross-view features into a section correlation module to concatenate at least two features and generate a corpus-predominant gastritis index through a classifier.

FIG. 2