

METHOD AND DEVICE FOR EVALUATING QUALITY OF FUNDUS IMAGE AND STORAGE MEDIUM

ABSTRACT

The present application relates to the technical field of image detection, and provides a method and device for evaluating quality of a fundus image and a storage medium. The method includes: acquiring a fundus image set to be processed; constructing a classification model according to a deep learning method and the fundus image set; acquiring a fundus image of a clinical patient collected in real time; after determining that the fundus image is qualified according to the classification model, cutting a black edge of the fundus image according to the classification model, and inputting the image into a target detection network; positioning an optic disc area and a macular area in the fundus image according to the target detection network; and sending prompt information when it is determined that an abnormal image with quality defects exists in the processed fundus image, where the prompt information is used for reminding a user to re-acquire an image from an acquisition part corresponding to the abnormal image. Through this solution, the acquisition quality of the fundus image can be fed back in real time, and the stability of fundus image quality can be ensured.

FIG. 1 accompanies abstract.