

ABSTRACT

The preset application is applied to the field of information processing technologies, and a method and a device for generating a medical report are provided. The method includes: receiving a medical image to be recognized; importing the medical image into a preset visual geometry group VGG neural network to acquire a visual feature vector and a keyword sequence of the medical image; importing the visual feature vector and the keyword sequence into a preset diagnostic item recognition model to determine diagnostic items corresponding to the medical image; constructing a paragraph for describing each of the diagnostic items respectively based on a diagnostic item extension model; generating a medical report for the medical image based on the paragraph, the keyword sequence and the diagnostic items. In the present application, there is no need for a doctor to fill in manually, and the corresponding medical report may automatically output according to the features contained in the medical image, thereby improving the efficiency of generating the medical report, reducing labor cost, and saving treatment time for a patient.

FIG. 1a