

ABSTRACT

METHOD AND DEVICE FOR DETECTING A BONE AGE

5 An embodiment of the present application provides a method and device for detecting a bone age, and relates to the technical field of machine learning. The method includes: obtaining a bone age image of a user to be detected, and adjusting each bone in the bone age image to a reference position, determining a carpal region from the bone age image, then determining a number of ossification centers in the carpal region by using a classification model, and finally
10 determining the bone age of the user to be detected according to the number of ossification centers in the carpal region. Since the numbers of ossification centers in the carpal region represent different stages of the bone age, the embodiment of the present application, by using the classification model, automatically determines the number of ossification centers in the carpal region, and then, determines the bone age of the user to be detected according to the
15 number of ossification centers in the carpal region, without subjective judgment of the bone age according to the bone age image. Thus on one hand, the precision of detecting the bone age is improved, and on the other hand, the efficiency of detecting the bone age is enhanced.

Fig. 1