

ELECTROCARDIOGRAM SIGNAL PROCESSING METHOD AND APPARATUS, AND RELATED DEVICE

ABSTRACT

5 The present application relates to an electrocardiogram signal processing method and apparatus, and a related device. The method comprises: acquiring electrocardiosignals of a first preset number of leads in a resting state, the leads comprising a second preset number of limb leads, and the second preset number being smaller than the first preset number; performing data processing on each electrocardiosignal in the resting state so as to obtain a static high-frequency
10 QRS waveform feature set, the static high-frequency QRS waveform feature set comprising a QRS time limit, the number of first positive indexes, the number of first target leads and the number of target limb leads; and performing assessment and analysis on a risk assessment feature set so as to obtain a heart failure risk assessment score, the heart failure risk assessment score being used for judging the risk level of developing heart failure, and the risk assessment
15 feature set comprising said static high-frequency QRS waveform feature set.

(FIG. 2)