

ELECTROCARDIOGRAM ANALYSIS ASSISTANCE DEVICE, PROGRAM,
ELECTROCARDIOGRAM ANALYSIS ASSISTANCE METHOD, AND
ELECTROCARDIOGRAM ANALYSIS ASSISTANCE SYSTEM

ABSTRACT

An electrocardiogram analysis assistance device (10) including: an analysis waveform acquisition unit (11C) that acquires waveform data in an electrocardiogram for analysis; an analysis waveform select and extract unit (11D) that selects and extracts waveform data of a predetermined first period from the waveform data acquired by the analysis waveform acquisition unit (11C) as analysis divided waveform data; an intermediate information acquisition unit (11I) that acquires intermediate information generated in a middle layer of a peak estimation model (13C) and indicating a shape feature of a peak contained in the analysis divided waveform data by inputting the analysis divided waveform data selected and extracted by the analysis waveform select and extract unit (11D) into the peak estimation model (13C); and a classification unit (11J) that classifies a type of the waveform of the electrocardiogram for analysis using the intermediate information acquired by the intermediate information acquisition unit (11I).

Figure 4