

ELECTROCARDIOGRAM ANALYSIS ASSISTANCE DEVICE, PROGRAM,
ELECTROCARDIOGRAM ANALYSIS ASSISTANCE METHOD,
ELECTROCARDIOGRAM ANALYSIS ASSISTANCE SYSTEM,
PEAK ESTIMATION MODEL GENERATION METHOD, AND
SEGMENT ESTIMATION MODEL GENERATION METHOD

ABSTRACT

An electrocardiogram analysis assistance device (10) including: a peak estimation model (13C) employing waveform data of partial segments of waveform data in an electrocardiogram as input information and employing peak information indicating whether or not a predetermined type of peak related to electrocardiogram analysis is present as output information; 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, while each time shifting a predetermined shift period that is a shorter period than the first period; and a derivation unit (11E) that derives the peak information 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).

Figure 4