

ARRHYTHMIC STATE DETECTION ASSISTING DEVICE AND PROGRAM

ABSTRACT

An arrhythmic state detection assisting device includes an acquisition unit, a derivation unit and an estimation unit. The acquisition unit acquires image information obtained by capturing an image of a predetermined part of a subject with an image capture device that captures a color moving image. The derivation unit derives a variance value, for a predetermined interval, of periods of a periodic change in a green luminance component in the image information acquired by the acquisition unit. As the variance value derived by the derivation unit becomes greater, the estimation unit estimates a higher likelihood that an arrhythmia is occurring in the subject.

Figure 2