

INFORMATION PROCESSING SYSTEM AND PROGRAM

ABSTRACT

[Abstract]

[Problem] To provide an information processing system capable of reducing labor of medical staff in determining heart failure stage.

[Solution] According to one aspect of the present invention, an information processing system is provided. The information processing system is configured to execute: a reading step of reading out an input first electrocardiogram including an electrocardiogram of a user; and a determination step of determining a heart failure stage of the user based on the first electrocardiogram and reference information, wherein the reference information is information showing a relationship between the second electrocardiogram, including the electrocardiogram obtained beforehand, in which the heart failure stage has been determined by the physician, and a feature quantity of the heart failure, wherein: the reference information is a learned model in which the feature quantity of the heart failure is learned from the second electrocardiogram, and the learned model is a model that learned a content determined in the determination step and corresponding clinical data.

[Selected diagram] FIG. 1