[0009]

~~An exemplary object~~Embodiments of the present invention ~~is~~ seek to solve the above problems and provide a blood sugar level prediction device, a measurement device, a blood sugar level prediction method and a computer program that enable the user's blood sugar level to be correctly predicted while reducing the burden on the user at the time of blood sugar level measurement.

MEANS FOR SOLVING THE PROBLEMS

[0010]

~~In order to achieve the above object,~~According to a first aspect of the present invention, there is provided a blood sugar level prediction device ~~of the present invention is a device~~ for predicting a user's blood sugar level, including a pattern selection unit that selects one pattern from a plurality of preset blood sugar level time series variation patterns, based on a blood sugar level at a fasting time of the user, and a correction processing unit that corrects the selected pattern using a plurality of measured values obtained by executing optical measurement of blood sugar levels over a number of measurement dates, targeting the user.

[0011]

~~Also, in order to achieve the above object,~~According to a second aspect of the present invention, there is provided a measurement device ~~of the present invention is a measurement device~~ that measures ~~the user's~~a blood sugar level of a user though optical measurement, including a measurement unit that executes the optical measurement, a standard curve database that stores a standard curve for converting a measured value that is obtained by executing the optical measurement into a blood sugar level, for each size of corresponding blood sugar levels, a control processing unit that calculates a blood sugar level by selecting one of the standard curves and applying the measured value obtained by executing the optical measurement to the selected standard curve, and a blood sugar level prediction unit that predicts the blood sugar level of the user by selecting one pattern from a plurality of preset blood sugar level time series variation patterns, based on a blood sugar level at a fasting time of the user, and correcting the selected pattern using a plurality of measured values obtained by executing the optical measurement over a number of measurement dates, targeting the

user, wherein the control processing unit, in a case where selection and correction of the pattern have been executed by the blood sugar level prediction unit, ~~predicting~~ predicts the blood sugar level using the corrected pattern and ~~selecting~~ selects the standard curve based on the predicted blood sugar level.

[0012]

~~Furthermore, in order to achieve the above object,~~According to a third aspect of the present invention, there is provided a blood sugar level prediction method ~~of the present invention is a method~~ for predicting a ~~user's~~ blood sugar level of a user, having the steps of (a) selecting one pattern from a plurality of preset blood sugar level time series variation patterns, based on a blood sugar level at a fasting time of the user, and (b) correcting the selected pattern using a plurality of measured values obtained by executing optical measurement of blood sugar levels over a number of measurement dates, targeting the user.

[0013]

~~In order to achieve the above object,~~According to a fourth aspect of the present invention, there is provided a computer-readable storage medium ~~of the present invention is a computer-readable storage medium~~ storing a computer program for predicting a blood sugar level of a user by computer, the program including a command that causes the computer to execute the steps of (a) selecting one pattern from a plurality of preset blood sugar level time series variation patterns, based on a blood sugar level at a fasting time of the user, and (b) correcting the selected pattern using a plurality of measured values obtained by executing optical measurement of blood sugar levels over a number of measurement dates, targeting the user.

ADVANTAGEOUS EFFECTS OF THE INVENTION

[0014]

According to embodiments of the present invention ~~as described above~~, the user's blood sugar level can be correctly predicted, while reducing the burden on the user at the time of blood sugar level measurement.

BRIEF DESCRIPTION OF THE DRAWINGS

[0015]