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(54) Title: METHOD AND SYSTEM FOR MONITORING A DIABETES TREATMENT PLAN

(57) Abstract: A method and system for monitoring the effectiveness of a patient's diabetes treatment plan by predicting, on a frequent basis, the patient's glycated hemoglobin (A1c) based on the patient's blood glucose (BG) may include applying a plurality of A1c models to a BG data set of the patient so as to obtain a plurality of calculated A1c values and identifying a best fit model amongst the plurality of A1c models by evaluating the plurality of calculated A1c values against at least one measured A1c value; calculating a predicted A1c value by applying the identified best fit model to the BG data set. Some embodiments may further include evaluating the predicted A1c value against a set of escalation rules to determine whether an escalation alert is required; alerting the patient's healthcare provider when it is determined the escalation alert is required; and outputting the predicted A1c value to the patient.

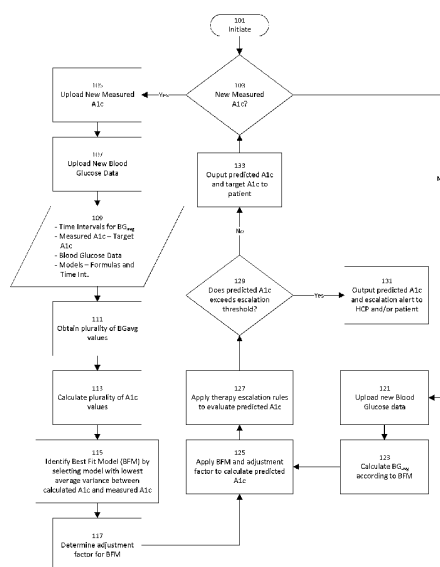


FIG. 2

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