System and a Method for Monitoring and Regulating Blood Glucose Levels

Abstract

The invention relates to a system for monitoring and regulating blood glucose values (58) in blood circulation, having an input device (14) for receiving at least one blood glucose value (58) measured in the blood circulation, at least one insulin value previously supplied to the blood circulation by at least one insulin supply device (18, 51), and/or at least one nutrition value (59) of at least one artificial nutrition agent previously supplied to the blood circulation by at least one nutrition supply device (15, 52), and having a computer (17, 57) for calculating (6, 13) a new insulin value (55) and optionally a new nutrition value according to the influence thereof on blood glucose values and according to the previously measured blood glucose value (58), and an output device (60) for outputting the new insulin values (55) and optionally nutrition values.

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