

ABSTRACT**PORTABLE DEVICE AND METHOD FOR NON-INVASIVE BLOOD
GLUCOSE LEVEL ESTIMATION**

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The invention relates to a device (1) comprising a measuring unit (2) with a measuring module (4) for measuring the glucose level, a first computer module (5) for processing data from a first part of the process for measuring the glucose level, a first communications module (6), a first data storage module (7) and a pushbutton (8). The device also comprises a personal monitoring unit (3) with second and third communication modules (17, 20), a second computer module (18) for processing data from a second part of the process for measuring the glucose level, an interface module (19) and a second data storage module (22). Also described is a method for non-invasive blood glucose level estimation.

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Figure 1