- reading of a first identification element (4) comprising personal and treatment-related data and being provided at the patient (1);

- generation of at least one second identification element (10) with personal and treatment-related data on the basis of the personal and treatment-related data of the first identification element (4);

- ~~allocation~~ attaching of said at least one second identification element (10) to a blood sample (3) extracted from the patient (1) before its supply to the blood analysis device (12);

- analysis (30) of the blood sample (3) extracted from the patient (1) with regard to the prespecifiable blood parameters by means of a blood analysis device (12) which can be used for a multiplicity of blood samples (3); and

- calculation (32) by means of a first calculation device (18) of medicament parameters of a medicament to be administered to the patient (1) on the basis of the parameters determined from the blood analysed.

10. Method according to claim 9, characterised in that as an identification element at least one barcode and/or data matrix code applied to the extraction device (3) or a transponder is used.

11. Method according to claim 9 or 10, characterised in that the personal and treatment-related data of the second identification element (10) are read (25) by means of a read unit (14) and the read data are allocated (29) to the blood to be analysed by means of an allocation unit (16).

12. Method according to claims 9 to 11, characterised in that as parameters determined of the blood to be analysed, parameters are determined such as glucose values, pH values, coagulation factors of the blood, blood gas data such as CO_2 values, PO_2 values, potassium values, bicarbonate values and/or basic deviation values.