

Title (en)

MODEL-BASED MIXING OF A DIALYSIS FLUID FOR A DIALYSIS DEVICE

Title (de)

MODELLBASIERTE MISCHUNG EINER DIALYSIERFLÜSSIGKEIT FÜR EIN DIALYSEGERÄT

Title (fr)

MÉLANGE D'UN LIQUIDE DE DIALYSE BASÉ SUR UN MODÈLE POUR UN APPAREIL DE DIALYSE

Publication

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Application

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Abstract (en)

[origin: WO2019162227A1] The present invention relates to a method and a calculation unit (R) and also a mixing device (M) for calculating a result data set (331) for composing a dialysis fluid (df) to be mixed, composed of several components, on the basis of a calculation model (BM) for the conductivity of the dialysis fluid, having the following method steps: - inputting (51) a mixing ratio data set (311) which represents a mixing ratio of at least one A component and one B component and a third component; - acquiring (52) component parameters, comprising a first substance concentration parameter which in particular represents the concentration of salt in the A component, and a second substance concentration parameter which in particular represents the concentration of salt in the B component; - calculating (53) the result data set (331) for the resulting composition of the dialysis fluid, comprising a statement of substance concentrations in the dialysis fluid and an expected value for the conductivity of the dialysis fluid based on the calculation model (BM).

IPC 8 full level

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Citation (search report)

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