

Title (en)
DEVICE FOR MEASURING PRESSURE IN AN EXTRACORPOREAL BLOOD CIRCUIT

Title (de)
VORRICHTUNG ZUR DRUCKMESSUNG IM EXTRAKORPORALEN BLUTKREISLAUF

Title (fr)
DISPOSITIF DE MESURE DE PRESSION DANS UN CIRCUIT DE CIRCULATION EXTRACORPORELLE

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Application
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Abstract (en)
[origin: WO2021094474A1] The invention relates to a dialysis device configured to carry out a method for referencing at least one pressure sensor or force sensor (PA, PBE, PV) which is designed to measure a tube internal pressure in a tube (1) filled with fluid, wherein the at least one pressure sensor or force sensor (PA, PBE, PV) is located in an extracorporeal circuit and is integrated in a clamping device (3) or is inserted therein, the method comprising the steps of: referencing, using a force reference signal or pressure reference signal which is measured by a force reference sensor or pressure reference sensor (PHOP, PDA, PDE) that is not designed as a clamping device (3), a pressure signal or force signal which is emitted by the at least one pressure sensor or force sensor (PA, PBE, PV); and using at least one dialysis-fluid-side force reference sensor or pressure reference sensor (PDA, PDE), which is a force reference sensor or pressure reference sensor in a dialysis fluid circuit and which is designed to detect the tube internal pressure in the dialysis fluid circuit, in order to reference at least one pressure sensor or force sensor (PA, PBE, PV) arranged in the extracorporeal circuit. The invention also relates to a device which is designed to use at least one dialysis-fluid-side force reference sensor or pressure reference sensor (PDA; PDE), which is a force reference sensor or pressure reference sensor in the dialysis fluid circuit and which is designed to detect the tube internal pressure in the dialysis fluid circuit, in order to reference at least one pressure sensor or force sensor (PA, PBE, PV) arranged in the extracorporeal circuit.

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Citation (search report)
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